

# **2012 STATE OF HAWAII WATER QUALITY MONITORING AND ASSESSMENT REPORT:**

Integrated Report to the U.S. Environmental Protection Agency and the U.S. Congress  
Pursuant to §303(d) and §305(b), Clean Water Act (P.L.97-117)



The Hawaii Department of Health  
Honolulu, Hawaii  
December 2012

## EXECUTIVE SUMMARY

The Hawaii State Department of Health (HIDOH) is required by the Clean Water Act (CWA) §303(d) and §305(b) to report on the state's water quality on a two year cycle. The CWA §305(b) requires states to describe the overall status of water quality statewide and the extent to which water quality provides for the protection and propagation of a balanced population of shellfish, fish, and wildlife, and allows recreational activities in and on the water. The CWA §303(d) requires states to submit a list of waters that do not meet state water quality standards, plus a priority ranking of listed waters for Total Maximum Daily Loads (TMDL) development based on the severity of pollution and the uses of the waters.

The previous 2008/2010 Integrated Report was an abridged report due to delayed submission and personnel reorganization. Water quality assessments for this 2012 Integrated Report are thus built upon the assessments from the 2008/2010 Integrated Report. These new assessments were made from data collected between January 01, 2006 and October 31, 2011. Any data received after the data submission period will be incorporated in the next cycle, the 2014 Integrated Report.

HIDOH's 2012 Integrated Report contains a total of 225 marine segments and 88 stream segments for which decisions of non-attainment of state water quality standards reflect the waterbody status as impaired. Five marine waterbody segments are delisted, 26 new marine waterbody segments are listed for impairment, and no new inland waterbody segments are listed.

### Marine Waters

The 2012 Integrated Report contains a total of 225 impaired marine segments. The breakdown per island for the 225 impaired marine segments (and the percent listed waters per island/per total number listed waters) is: Kauai 23 (10%), Oahu 73 (32%), Molokai 3 (1%), Lanai 7 (3%), Maui 76 (34%), and Hawaii 43 (19%).

There are five waterbodies that are delisted, four of which are delisted for enterococci:

#### Kauai

Lydgate Park (HI798758)

Wailua (Wailua River Station) (HI606168)

#### Lanai

Manele Bay Beach (HIW00178)

#### Maui

Ukumehame Beach County Park (HI814309)

#### Hawaii

Kamakaokahonu (HIW00032)

There are also 26 new marine waterbodies listed as impaired for one or more pollutants:

#### Kauai

Lumaha'i Beach (HI889639)

Waimea Rec Pier State Park (HI245235)

## Oahu

- Ewa (open coastal) (HIW00189)
- Ka'alawai Beach (HI253930)
- Kapoho Point (HIW00192)
- Keehi Lagoon (HIW00009)
- Kuli'ou'ou (HI360513)
- Laenani Beach County Park (HI930562)
- Punaluu Beach Park (HI148836)
- Sandy Beach (open coastal) (HIW00191)

## Maui

- Honolua Bay (HI280286)
- Kahului Bay (HIW00195)
- Kalama Beach County Park (Cove Park) (HI705118)
- Maliko Bay (HI423064)
- Napili Bay (HI764060)

## Hawaii

- Banyan's Surfing Area (HI713314)
- Kapoho Bay (HI391407)
- Kauilii Point-Kapaa Beach Park (HIW00201)
- Kauilii Point-Kapaa Beach Park (oceanic) (HIW00202)
- Keahole Point (HIW00203)
- Mahukona Harbor (HIW00197)
- Mahukona Harbor (oceanic) (HIW00198)
- Makaohule Point-Kauilii Point (HIW00199)
- Makaohule Point-Kauilii Point (oceanic) (HIW00200)
- Pelekane Bay (HI738158)
- Waiulaula (HI934020)

Of the marine waterbodies previously listed in the 2008/2010 Integrated Report, 17 waterbodies are now listed for one or more new pollutants, for a total of 103 newly listed pollutants. Conversely, one or more pollutants are now delisted from 19 previously listed waterbodies, resulting in the delisting of a total of 21 pollutants.

Of the 225 listed marine segments, 38 are due to high enterococci indicator bacteria test results. Hawaii's bacteria water quality criteria for enterococci is set at a geometric mean of 35 colony forming units (CFU)/100 mL and a single sample maximum limit of 104 CFU/100 mL. Hawaii also uses a secondary tracer, *Clostridium perfringens*, as an additional investigative tool to help confirm high bacterial indicator counts.

Turbidity is the most common pollutant to trigger a marine water listing for impairment, with 150 occurrences in the 2012 Integrated Report. The HDOH believes these are due to polluted runoff and is focusing its polluted runoff control program on selected watersheds to make measurable improvements.

### **Inland Waters**

The 2012 Integrated Report contains a total of 88 impaired stream segments. Within the 88 listed inland freshwater perennial stream segments, there are a total of 239 individual occurrences of pollutants which did not meet the state water quality criteria. The most common listing was Turbidity with 92 instances of exceedance. The next most common listings were Nitrate + Nitrite Nitrogen, Total Nitrogen, and Total Phosphorus with 62, 53, and 31 instances of exceedance, respectively. No new data since the 2006 cycle were received and therefore none reviewed for the freshwater portion of the 2012 Integrated Report.

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## INTRODUCTION

The 2012 Integrated Report is intended to satisfy the requirements for State reporting pursuant to Sections §303(d) and §305(b), Clean Water Act (P.L. 97-117). The CWA requires states to provide an assessment every two years of the quality of all their waters (§305(b)) and a list of those waters that are impaired or threatened (§303(d)).

The 305(b) report is "[the] **National Water Quality Inventory Report to Congress**... primary vehicle for informing Congress and the public about general water quality conditions in the United States. This document characterizes our water quality, identifies widespread water quality problems of national significance, and describes various programs implemented to restore and protect our waters."<sup>1</sup> The U.S. Environmental Protection Agency (EPA) recommends that states sort their surface waters into five categories according to the following guidance:

- Category 1:** All designated uses are supported, no use is threatened;
- Category 2:** Available data and/or information indicate that some, but not all of the designated uses are supported;
- Category 3:** There is insufficient available data and/or information to make a use support determination;
- Category 4:** Available data and/or information indicate that at least one designated use is not being supported or is threatened, but a TMDL is not needed;
  - 4a.** A TMDL to address a specific segment/pollutant combination has been approved or established by EPA;
  - 4b.** A use impairment caused by a pollutant is being addressed by the state through other pollution control requirements;
  - 4c.** A use is impaired, but the impairment is not caused by a pollutant;
- Category 5:** Available data and/or information indicate that at least one designated use is not being supported or is threatened, and a TMDL is needed.

Waterbodies classified in Category 5 constitute the CWA §303(d) List of Impaired Waters. The 2012 Integrated Report identifies waterbodies that are not expected to meet state water quality standards, even after application of technology-based effluent limitations. States are required to obtain and review all existing and readily available surface water quality data and related information to compare against the state's water quality standards, and after applying listing criteria, determine the level of impairment for that waterbody. The list requirements apply to waterbodies impaired by point and/or non-point sources of pollution and include a requirement for listing of those pollutants for which applicable water quality standards are exceeded.

The 2012 Integrated Report, which includes a priority ranking of listed waters based on the severity of pollution and the uses of the waters, will be submitted to EPA immediately upon completion. Computation of TMDLs for all §303(d)-listed pollutant/waterbody combinations, prepared in accordance with the priority rankings, must follow with EPA approval of each State's List. TMDLs for all listed pollutant/waterbody combinations are prepared in accordance with the priority rankings and the State-EPA schedule for submission for TMDLs. The time frame for

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<sup>1</sup> EPA Monitoring and Assessing Water Quality (n.d.). Retrieved September 27 2006, from <http://water.epa.gov/lawsregs/guidance/cwa/305b/index.cfm>

establishing TMDLs should be 8 to 13 years from the date of the original listing. This schedule is negotiated on a continuing basis and is influenced by federal funding, State policy, data availability and a host of other factors, which vary from year to year.

Decisions to list, delist, or not list a waterbody for which data exist and have been reviewed must be documented (40 CFR §130.7). The periodic listing process allows HDOH to list waterbodies, which after recent sampling, show exceedance; delist waterbodies (from the 303(d) section), which do not, after further sampling show exceedance for listed parameters; and more clearly articulate the parameters for which previously listed waterbodies should be listed. Additional information is also provided regarding attainment of known pollutants, pursuant to the 305(b) portion of the guidance.

Hawaii's 2008/2010 Integrated Report, plus data collected from January 2006 to October 2011, constitutes the body of information reviewed for the 2012 Integrated Report. Changes to the marine listings are described in Chapter 1. Although there are no changes from the 2006 List of Impaired Waters for stream segments, Chapter 2 of this report provides a description of the inland water assessments. The full table of Waterbody Assessment Decisions is presented in Chapter 3.

**Chapter 1**  
**Marine Waters**

## **PART A. SCOPE OF WATERS**

This chapter of the 2012 Integrated Report covers all waters of salinity more than 0.5 parts per thousand. Assessment units for the 2012 Integrated Report remain the same as the assessment units applied in previous reports. Waterbodies are partitioned according to Hawaii Administrative Rules (HAR) §11-54 by type, and then listings are renewed accordingly. Refer to methodology section in Part B.2. for details regarding decision units for attainment decisions.

## **PART B. MONITORING AND ASSESSMENT**

### **B.1. Monitoring Program**

This section of the 2012 Integrated Report discusses HDOH's monitoring program for marine waters. The entire monitoring program is examined from strategies and procedures to data assessment.

#### **B.1.1. Monitoring Strategy Overview**

Two main types of surface water monitoring data are used in this report: bacteriological and chemical. Bacteriological monitoring of the shoreline areas is conducted under the auspices of the HDOH Clean Water Branch (CWB) Beach Monitoring program and the guidance of HDOH's Beach Monitoring Quality Assurance Project Plan (QAPP). CWB coastal chemistry sampling was limited to shoreline areas for the period reviewed in this report.

EPA's STORET database is the repository of data and information collected by HDOH. Waterbody assessments utilize the most current data and information from these systems. For the 2012 Integrated Report, HDOH retrieved data from STORET for the period starting in January 2006 and ending in October 2011. The end-users of the STORET database system include not only government agencies, but also consultants, students, and the general public.

Assisted monitoring programs contribute invaluable service not only to communities but to government as well. In Hawaii, an example of data generated by monitoring groups is the HDOH's monitoring program partnership with the Hanalei Watershed Hui and Surfrider organizations.

Collaboration between HDOH and other state and federal agencies, including private consulting firms, is another key component of the monitoring program. CWA §401 and §402 permits stipulate water quality monitoring requirements applied to permit holders. Monitoring conducted by permittees provides a source of data from which the State's monitoring program also benefits. Water quality data generated by permittees results in greater statewide coverage and comprehensive assessments at no increased cost to the HDOH program. The coordination between multiple agencies and permit applicants also provides for expediting the permitting process through early plan reviews and dialogues in preconstruction meetings.

#### **B.1.2. Microbiological Sampling**

The CWB microbiological sampling program focuses mainly on shoreline waters throughout the state for the purpose of assuring the safety of swimmers, surfers, divers, and other recreational

users of near shore waters. This program serves two purposes. First, it identifies those areas where there is a potential for health related risks associated with the recreational use of shoreline waters. Second, monitoring provides an ongoing baseline from which to establish trends in the future and from which to determine if additional sample results show unusual or abnormal levels of indicator bacteria (i.e., indicating possible contamination, such as a sewage leak).

Water samples are analyzed for enterococci, the recommended EPA indicator bacteria for marine recreational waters. EPA has allowed Hawaii to use *Clostridium perfringens*, in conjunction with enterococci, as a secondary tracer to help confirm high bacterial indicator counts.

For the period between January 2006 and October 2011, the CWB bacteriological monitoring program collected samples at approximately 313 stations throughout the state (Kauai, 54 stations; Oahu, 123; Maui, 67; and Hawaii, 69). The approximate 313 stations are among the 388 beach stations established throughout the state, most of which are sampled on a rotational basis. The sites are monitored on a twice-weekly (core sites) or bi-weekly (rotational sites) basis.

### **B.1.3. Chemical Sampling**

The CWB periodically collects shoreline chemistry samples for nutrient analysis, in support of the CWB's Polluted Runoff Control Program. The chemistry parameters analyzed include Nitrate+Nitrite Nitrogen, Ammonia Nitrogen, Total Nitrogen, Total Phosphorus, and Chlorophyll-a.

### **B.1.4. Laboratory Analytical Support**

The HODOH employed the use of three Hawaii-based laboratories for analysis of samples: the State DOH Laboratory, Natural Energy Laboratory of Hawaii (NELH), and Microbiology Consulting Services, LLC (MCS). The Environmental Health Analytical Services Branch (EHASB) of the State Laboratories Division is responsible for the analysis of the samples collected by HODOH personnel. The two basic types of samples, microbiological and chemical, are each handled by separate sections within EHASB. Microbiological samples for West Hawaii (Kona) were handled by NELH until 2007. MCS began microbiological sampling analysis for West Hawaii in July 2007. The State maintains microbiology laboratories on each of the four largest islands (Kauai, Oahu, Maui, and Hawaii) which conducts the analysis for their respective islands. Only the Oahu laboratory is currently capable of conducting chemical analyses. Samples from the other islands are air-shipped to the Oahu laboratory for chemical analysis.

### **B.1.5. Quality Assurance/Quality Control**

The monitoring program quality assurance/quality control (QA/QC) is governed by the CWB Beach Monitoring Quality Assurance Project Plan (QAPP) and the Coastal Chemistry Monitoring Quality Assurance Project Plan.

### **B.1.6. Data Storage, Management, and Sharing**

The main repository for monitoring data is EPA's STORage and RETrieval (STORET) system. All post 1999 sampling data obtained from the CWB's fixed network of routine monitoring stations are first compiled into a CWB Access database, then entered into EPA's STORET system. Data prior to 1999 are stored in the "Legacy STORET Database". As of 2007,

monitoring data are transferred into STORET via the Water Quality Exchange (WQX) system. The data are then uploaded to EPA's main database which can be accessed via the internet. Future plans include development of a SQL based data management interface, and the use of the Exchange Network for data transfer ([www.exchangenetwork.net](http://www.exchangenetwork.net)).

Permittee effluent monitoring also generates a significant amount of sampling data. However, the data are only on hard copy, not in electronic form. Although the data are accessible, they must be gathered and then compiled by hand before analysis is performed. Permittee Zone-of-Mixing (ZOM) data was manually collected and assessed for use in this report.

## **B.2. Assessment Methodology**

### **B.2.1. Data Sources**

A formal call for marine data was made, ending in November 2011. Any data received after the submission deadline will be incorporated in the next cycle, the 2014 Report. The list below details the major sources used in the 2012 Integrated Report.

#### **CLEAN WATER BRANCH (CWB)**

With continued funding from EPA's Beaches Environmental Assessment and Coastal Health (BEACH) program, the existing bacteriological shoreline program was able to greatly increase both the number of sites and samples taken. The microbiological dataset extends from 1973 to present. Data from the previous six years (January 2006 through October 2011) were assessed for this report. The CWB Monitoring Section provided a bacteriological dataset of 32,460 samples from the four main Hawaiian Islands. The data were collected following the CWB Beach Monitoring QAPP and are routinely checked by the QA/QC officer.

#### **ENVIRONMENTAL ASSESSMENT COMPANY (EAC)**

EAC is a private research company headed by Richard Brock, PhD. An extensive dataset was provided by Dr. Brock for the south-southeastern coast of Lanai, and the Kona (western) coast of Hawaii. All data was produced following a prepared methodology, complying with the "West Hawaii Coastal Monitoring Program Monitoring Protocol Guidelines" (May 1992). Laboratory analysis followed Standard Methods (1999).

#### **MARINE RESEARCH CONSULTANTS (MRC)**

MRC is a private research company headed by Steve Dollar, PhD. The ongoing research was prepared for the Makena Resort Corporation to characterize coastal water quality (specifically targeting parameters set forth in HAR §11-54), in Makena, Maui. An extensive dataset was provided, following prepared sampling methodology and documented analysis methodology (Strickland and Parsons 1968, Grasshoff 1983), and utilizing EPA rated laboratories (Marine Analytical Specialists).

#### **HANALEI WATERSHED HUI**

In 2005, the CWB began a cooperative bacteriological sampling program with the Hanalei Watershed Hui, in which the Hui collects samples at several of the northern Kauai stations. Data are collected according to the CWB BEACH Monitoring QAPP.

## CITY AND COUNTY OF HONOLULU (CCH)

The CCH collects shoreline, nearshore, and offshore bacterial and chemical samples as part of their permit requirements for their four Waste Water Treatment Plant (WWTP) permits. The four WWTPs are located in the areas of Waianae, Honouliuli, Sand Island, and Kailua (Mokapu).

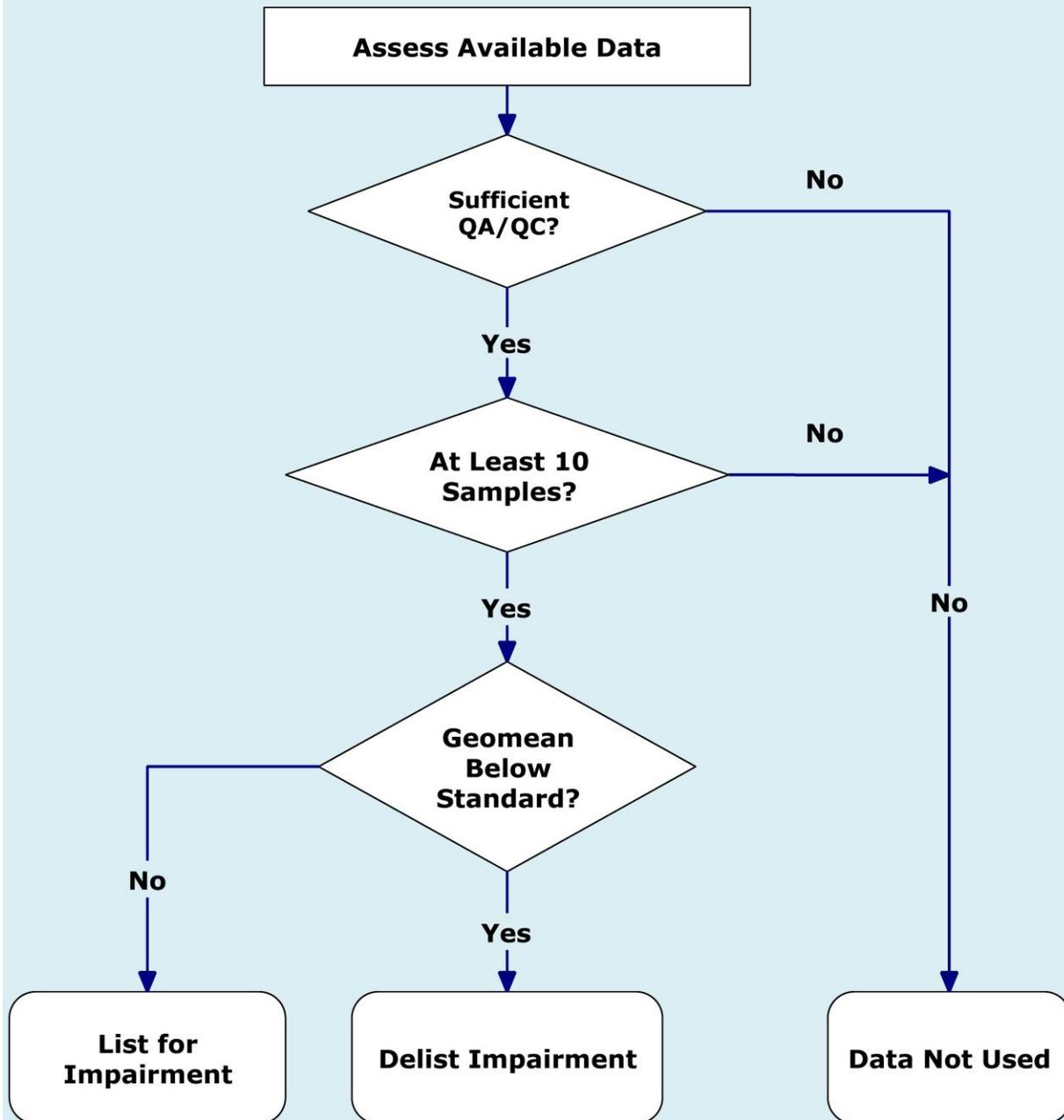
### **B.2.2. Assessment Methodology**

Data from marine waters monitored between January 2006 and October 2011 were assessed for this report. The assessments performed by CWB staff for this document follow the EPA's Guidance for 2006 Assessment, Listing and Reporting document (EPA 2005) to the maximum extent practicable. The flow chart in Figure 1 shows the basic process used for listing/delisting conventional pollutants. Enterococci data was given a 10% allowable exceedence, in which the waterbody was not listed as impaired if the geometric mean exceeded state standards 10% or less of the time for the entire data set.

For this cycle, the multi-categorization method as proposed by EPA has been retained, yielding a better categorical description for each waterbody. Please refer back to the Introduction section for the list and description of the categories. Table 4 documents changes made between the 2008/2010 and the 2012 reports, and the justifications for doing so.

Visual assessments were not used for the 2012 Integrated Report. Unlike previous cycles prior to the 2006 Integrated Report, visual assessment data was not available for the 2012 cycle. Listings from previous cycles based on legacy visual assessments have been carried over to the present listing. An example is the carry-over of the 2004 nutrient and turbidity listing for the geographic scope of "Kahului Bay inshore of breakwater". In future cycles, it is possible that these data will be revisited and/or reassessed.

**FIGURE 1: Flow Chart of Listing/Delisting Process for Conventional Pollutants**  
(enterococci, TN, NO<sub>3</sub>+NO<sub>2</sub>, TP, turbidity, chl-a, NH<sub>4</sub>, others)



### **B.2.3. Hawaii Water Quality Standards**

The HAR §11-54 defines the State standards for particular parameters for Hawaii waters, and is defined by both narrative and numerical criteria. HAR §11-54-1.1 defines a general policy of water quality anti-degradation for all water types and is as follows:

- (a) Existing uses and the level of water quality necessary to protect the existing uses shall be maintained and protected.
- (b) Where the quality of the waters exceed levels necessary to support propagation of fish, shellfish, and wildlife and recreation in and on the water, that quality shall be maintained and protected unless the director finds, after full satisfaction of the intergovernmental coordination and public participation provisions of the state's continuing planning process, that allowing lower water quality is necessary to accommodate important economic or social development in the area in which the waters are located. In allowing such degradation on lower water quality, the director shall assure water quality adequate to protect existing uses fully. Further, the director shall assure that there shall be achieved the highest statutory and regulatory requirements for all new and existing point sources and all cost-effective and reasonable best management practices for nonpoint source control.
- (c) Where existing high quality waters constitute an outstanding resource, such as waters of national and state parks and wildlife refuges and waters of exceptional recreational or ecological significance, that water quality shall be maintained and protected.

HAR §11-54-3(c) defines classifications for marine waters. Marine waterbodies are separated by type into three main waterbody categories: embayment, open coastal, and oceanic. The classification uses a tiered system, defining two Classes, "AA" and "A". Class AA waters are described as: "It is the objective of class AA waters that these waters remain in their natural pristine state as nearly as possible with an absolute minimum of pollution or alteration of water quality from any human-caused source or actions. To the extent practicable, the wilderness character of these areas shall be protected." Zones of mixing are not permitted within certain Class AA waters (HAR §11-54-3(c)(1)). Class A waters are describes as: "It is the objective of class A waters that their use for recreational purposes and aesthetic enjoyment be protected. Any other use shall be permitted as long as it is compatible with the protection and propagation of fish, shellfish, and wildlife, and with recreation in and on these waters." New sewage discharges or industrial discharges are not permitted within Class A embayments, with the exception of three industrial discharge types identified in HAR §11-54-3(c)(2).

The embayment and open coastal categories are further refined by inclusion of a wet or dry criterion, typically defined by levels of freshwater input (HAR §11-54-6(a)(3) and HAR §11-54-6(b)(3)). These criteria were revised in the 2006 Report using maps of "Wet and Dry Marine Waters" provided in State 208 Plans and county Water Management Plans. Delineations of embayments and their mouth openings made for the 2006 Report using best professional judgment remain the same. Two special area categories, Pearl Harbor and Kona (west Hawaii), are defined for marine waters, and establish specific standards for their respective water type.

Available assessment data were compiled using the defined methodology (geometric mean) and compared to each applicable standard. Each waterbody was categorized according to

comparison with each particular standard. A more detailed description of the standards can be accessed at the following website: <http://gen.doh.hawaii.gov/sites/har/AdmRules1/11-54.pdf>.

HIDOH's microbiological sampling utilizes enterococci bacteria density measurements as an indicator of human fecal contamination. However, using this bacterial indicator for the State standard has been found to be problematic in Hawaii and other BEACH programs across the country. Several studies have shown that enterococci may not be a reliable indicator in tropical locations such as Hawaii because it can multiply outside of the human body, and is also found in fecal matter of various wildlife, such as feral pigs.<sup>2</sup> Additionally, a 2005 study at Mission Bay, San Diego, California focused upon tracking causes of bacterial contamination, and found that "...fecal coliform and *Enterococcus* bacteria can survive for prolonged periods of time in coastal storm drains..." and that "...the majority of the indicator bacteria in Mission Bay originates from birds and that the initial load generated from avian sources can then be amplified by irrigation runoff, storm drains, intertidal sediments, and the wrack line" (Gruber et al., 2005).<sup>3</sup>

*Clostridium perfringens* has validity as an effective tracer of fecal contamination and is a viable option as an additional tool for monitoring water quality. A report produced by the Experts Scientific Workshop on Critical Research Needs for the Development of New or Revised Recreational Water Quality Criteria attempted to address the applicability of several potential bacterial indicators. The report acknowledges that "The presence of *C. perfringens* (spores) in water, therefore provides evidence of existing human/urban fecal contamination...", and adds that "although methods have been available for some time, confirmation of a robust and consistent method approach should be developed".<sup>4</sup> As shown, both organisms have limitations in applicability. Usage of a single organism for water quality characterization, therefore, is not desirable. To improve the accuracy of Hawaii's water quality monitoring, a two-organism approach is applied, using *C. perfringens* as a companion tracer alongside enterococci.

Although the HAR does not specify the use of *C. perfringens* as a companion indicator for enterococci, as noted earlier, it is allowable by EPA for its use as a tool in Hawaii, and has been employed effectively in daily assessments. Bacteriological assessments for this report were based only on enterococci data.

#### **B.2.4. Assessment Units**

Hawaii's topographical structure is generally comprised of short, small watersheds defined by steep mountain walls. Input of fresh waters into the fronting marine waters is generally limited to the specific watershed that feeds those streams. In future cycles it is hoped that watershed names will be included to organize listings for both inland and marine waters. It is hoped that the restructuring of the assessment units may provide a more seamless integration of both water-

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<sup>2</sup> Byappanahalli, M and R. Fujioka. 2004. Indigenous soil bacteria and low moisture may limit but allow fecal bacteria to multiply and become a minor population in topical soils. *Water Science and Technology*. vol. 50, 1:27-32.

<sup>3</sup> Gruber, S.J., Kay, L.M., Kolb, R., and Henry, K. 2005 Mission Bay bacterial source identification study-A Clean Beaches initiative grant helps track causes of contamination. *Stormwater*. vol 6,3:40-51.

<sup>4</sup> EPA - Office of Water, Office of Research and Development. 2007. *Report of the Experts Scientific Workshop on Critical Research Needs for the Development of New or Revised Recreational Water Quality Criteria*. EPA 823-R-07-006. (June 15, 2007).

types. Water Quality Standards Maps are located on the CWB website:  
<http://hawaii.gov/health/environmental/water/cleanwater/wqstd/index.html>.

Delineated units from the previous 2008/2010 Report were carried over to this 2012 Report. Each named segment corresponds to an identification alphanumeric geocode (e.g. Royal-Moana Beach is geocode HI898947), which is used to identify the segments in Tables 2-4. A discussion on the geocodes is found in the following section, Assessment Codes.

**B.2.5. Assessment Codes (Geocode IDs)**

The alphanumeric codes (geocodes) assigned to each marine waterbody in the 2008/2010 Integrated Report were retained for the 2012 Report. Two sets of geocodes exist in the Hawaii structure, a two-letter alphanumeric (HI) and 3-letter alphanumeric (HIW). The numeric portion of both geocodes is preceded by the state abbreviation (HI) as suggested by EPA protocol. The two-letter geocode is from an existing structure of the EPA BEACH program that identifies recreational waters across the state. The three-letter code was generated in response to areas where BEACH codes do not exist and areas that are divided into small subsections. Each code is comprised of a total of eight characters, and is not ordered.

**B.3. Assessment Results**

Table 1 below summarizes the results of the assessment. Of the approximately 575 marine waterbody segments already established statewide, 310 (54%) waterbody segments are assessed for this report.

**TABLE 1. Category Totals by Island**

| Island        | Total # Assessed Segments | # Segments w/ Listed Pollutant | # Newly Listed Pollutants | # Newly Listed Waterbodies | # Delisted Pollutants | # Delisted Waterbodies |
|---------------|---------------------------|--------------------------------|---------------------------|----------------------------|-----------------------|------------------------|
| Kauai         | 33                        | 23                             | 5                         | 2                          | 3                     | 2                      |
| Oahu          | 134                       | 73                             | 16                        | 8                          | 7                     | 0                      |
| Molokai       | 0                         | 3                              | 0                         | 0                          | 0                     | 0                      |
| Lanai         | 7                         | 7                              | 0                         | 0                          | 2                     | 1                      |
| Maui          | 62                        | 76                             | 34                        | 5                          | 3                     | 1                      |
| Hawaii        | 74                        | 43                             | 48                        | 11                         | 6                     | 1                      |
| <b>Totals</b> | <b>310</b>                | <b>225</b>                     | <b>103</b>                | <b>26</b>                  | <b>21</b>             | <b>5</b>               |

A total of five waterbodies were delisted (no category 5 listing present). Table 2 displays the delisted waterbodies. Assessment results for four delisted waterbodies showed that state standards were attained for enterococci, using the enterococci indicator bacteria as mentioned earlier in the document. Manele Bay Beach showed attainment of the state's Total Nitrogen standard.

**TABLE 2. Delisted Marine Waterbodies**

| Island | Scope of Assessment           | Geocode  | Entero   | TN       | NO3 + NO2 | TP | Turb | chl-a | NH4 |
|--------|-------------------------------|----------|----------|----------|-----------|----|------|-------|-----|
| Kauai  | Lydgate Park                  | HI798758 | <b>A</b> | ?        | ?         | ?  | ?    | ?     | ?   |
| Kauai  | Wailua (Wailua River Station) | HI606168 | <b>A</b> | ?        | ?         | ?  | ?    | ?     | ?   |
| Lanai  | Manele Bay Beach              | HIW00178 | ?        | <b>A</b> | A         | A  | A    | A     | A   |
| Maui   | Ukumehame Beach Co. Pk.       | HI814309 | <b>A</b> | ?        | ?         | ?  | ?    | ?     | ?   |
| Hawaii | Kamakaokahonu                 | HIW00032 | <b>A</b> | ?        | ?         | ?  | ?    | ?     | ?   |

Key: Entero=enterococci; TN=Total Nitrogen; NO3+NO2=Nitrate+Nitrite Nitrogen; TP=Total Phosphorus; Turb=Turbidity; chl-a=chlorophyll a; NH4=Ammonium Nitrogen; **BOLD A**=Delisted pollutant (data shows attainment of the state water quality standard).

A total of 19 previously listed waterbodies had one or more pollutants delisted, for a total of 21 delisted pollutants. Assessment results for 124 waterbodies showed that State standards were newly attained for enterococci.

A total of 26 new waterbodies were listed with at least one category "5", and a total of 17 previously listed waterbodies had one or more pollutants added to category "5", for a total of 103 newly listed pollutants. Table 3 lists the newly listed waterbodies. Assessments of the newly listed waterbodies showed that State standards for enterococci were not met for 13 waterbodies. State standards for nutrients were not met for 14 of the newly listed waterbodies.

**TABLE 3. Newly Impaired (Listed) Marine Waters**

| Island | Scope of Assessment               | Geocode  | Entero   | TN       | NO3 + NO2 | TP       | Turb     | chl-a    | NH4      | other         |
|--------|-----------------------------------|----------|----------|----------|-----------|----------|----------|----------|----------|---------------|
| Kauai  | Lumaha'i Beach                    | HI889639 | N        | ?        | ?         | ?        | ?        | ?        | ?        |               |
| Kauai  | Waimea Rec Pier St Pk             | HI245235 | N        | ?        | ?         | ?        | ?        | ?        | ?        |               |
| Oahu   | Ewa (open coastal)                | HIW00189 | N        | <b>A</b> | <b>A</b>  | <b>A</b> | <b>A</b> | <b>A</b> | <b>A</b> |               |
| Oahu   | Ka'alawai Beach                   | HI253930 | N        | ?        | ?         | ?        | ?        | ?        | ?        |               |
| Oahu   | Kapoho Point                      | HIW00192 | N        | ?        | ?         | ?        | ?        | ?        | ?        |               |
| Oahu   | Keehi Lagoon                      | HIW00009 | N        | ?        | ?         | ?        | ?        | ?        | ?        |               |
| Oahu   | Kuli'ou'ou                        | HI360513 | N        | ?        | ?         | ?        | ?        | ?        | ?        |               |
| Oahu   | Laenani Beach Co Pk               | HI930562 | N        | ?        | ?         | ?        | ?        | ?        | ?        |               |
| Oahu   | Punaluu Beach Park                | HI148836 | N        | ?        | ?         | ?        | ?        | ?        | ?        |               |
| Oahu   | Sandy Beach (open coastal)        | HIW00191 | ?        | <b>N</b> | <b>A</b>  | <b>A</b> | <b>A</b> | ?        | <b>A</b> |               |
| Maui   | Honolua Bay                       | HI280286 | <b>A</b> | <b>N</b> | <b>N</b>  | <b>N</b> | ?        | <b>N</b> | <b>N</b> |               |
| Maui   | Kahului Bay                       | HIW00195 | ?        | <b>N</b> | <b>N</b>  | <b>N</b> | ?        | <b>N</b> | <b>N</b> |               |
| Maui   | Kalama Beach Co Park (Cove Park)  | HI705118 | <b>A</b> | <b>N</b> | <b>N</b>  | <b>N</b> | ?        | <b>N</b> | <b>N</b> |               |
| Maui   | Maliko Bay                        | HI423064 | <b>N</b> | ?        | ?         | ?        | ?        | ?        | ?        |               |
| Maui   | Napili Bay                        | HI764060 | <b>A</b> | <b>A</b> | <b>N</b>  | <b>N</b> | ?        | <b>N</b> | <b>N</b> |               |
| Hawaii | Banyan's Surfing Area             | HI713314 | <b>N</b> | ?        | ?         | ?        | ?        | ?        | ?        |               |
| Hawaii | Kapoho Bay                        | HI391407 | <b>N</b> | ?        | ?         | ?        | ?        | ?        | ?        |               |
| Hawaii | Kauilii Pt-Kapaa Beach Park       | HIW00201 | ?        | <b>N</b> | <b>N</b>  | <b>A</b> | <b>A</b> | <b>N</b> | <b>N</b> |               |
| Hawaii | Kauilii Pt-Kapaa Bch (oceanic)    | HIW00202 | ?        | <b>N</b> | <b>A</b>  | <b>N</b> | <b>N</b> | <b>N</b> | <b>A</b> |               |
| Hawaii | Keahole Point                     | HIW00203 | ?        | <b>A</b> | <b>A</b>  | <b>A</b> | <b>N</b> | <b>A</b> | <b>N</b> | <b>PO4(A)</b> |
| Hawaii | Mahukona Harbor                   | HIW00197 | ?        | <b>N</b> | <b>N</b>  | <b>A</b> | <b>N</b> | <b>N</b> | <b>N</b> |               |
| Hawaii | Mahukona Harbor (oceanic)         | HIW00198 | ?        | <b>N</b> | <b>A</b>  | <b>N</b> | <b>N</b> | <b>N</b> | <b>A</b> |               |
| Hawaii | Makaohule Pt-Kauilii Pt           | HIW00199 | ?        | <b>N</b> | <b>N</b>  | <b>A</b> | <b>A</b> | <b>N</b> | <b>N</b> |               |
| Hawaii | Makaohule Pt-Kauilii Pt (oceanic) | HIW00200 | ?        | <b>N</b> | <b>A</b>  | <b>N</b> | <b>N</b> | <b>N</b> | <b>A</b> |               |
| Hawaii | Pelekane Bay                      | HI738158 | <b>N</b> | <b>N</b> | <b>N</b>  | <b>N</b> | ?        | <b>N</b> | <b>N</b> |               |
| Hawaii | Waiulaula                         | HI934020 | <b>A</b> | <b>N</b> | <b>N</b>  | <b>N</b> | ?        | <b>N</b> | <b>N</b> |               |

Key: Entero=enterococci; TN=Total Nitrogen; NO3+NO2=Nitrate+Nitrite Nitrogen, TP=Total Phosphorus; Turb=Turbidity; chl-a=chlorophyll a; NH4=Ammonium Nitrogen; **BOLD A**=Newly Delisted pollutant (data shows attainment of the state water quality standard); **BOLD N**=Newly Listed pollutant (data shows non-attainment of the state water quality standard).

Two tables are provided to display changes that have occurred since the previous listing period, Table 4 and the 2012 Waterbody Assessment Decisions Table (Chapter 3). Table 4 is provided to aid the reader in tracking any changes from the 2008/2010 Integrated Report for marine/estuary waters to the 2012 cycle. The first column of Table 4, entitled Scope of Assessment, contains the specific name of the area that the assessment applied to. The second column, Geocode ID, contains the alphanumeric identifier for the waterbody. Column 3 contains the pollutant where a change has occurred. Column 4 lists the action taken to categorize the waterbody as a result of assessed data. Column 5 describes the justification for each action taken. Column 6 describes the reasons for the change.

Assessment results for each waterbody were categorized according to EPA methods, and placed in the 2012 Waterbody Assessment Decision table in Chapter 3, for both marine and inland waters. Inland waters are discussed in Chapter 2. The following narrative only applies to the marine section of the Waterbody Assessment Decision table. The first column contains the waterbody type, as distinguished by HAR §11-54. The second column, Scope of Assessment, is the name of the specific area that the assessment applies to. The third column contains the Geocode ID, which is the alphanumeric identifier attached to each listing. Column 4 denotes which criteria (wet or dry) the assessed segment is located in. Columns 5 through 9 contain common pollutants found in Hawaii's waters, and Column 10 lists other less frequently found pollutants. The eleventh column contains the assessment categories that apply to each waterbody. As described earlier, the multi-category assessment allows for a better description of each waterbody. The last column states the TMDL priority and indicates which TMDLs are currently under development or completed.

If the calculated level of a pollutant was found to be above the State standard, the parameter was entered in columns 5 through 10 as "Not Attaining" (N) and assigned to category "5". If the calculated value was below the stated value, the parameter was entered as "Attaining" (A) and assigned to category "2". It is important to note that the marine waterbodies entered in the table are not reflective of all marine areas of the state. Rather, they indicate areas where sampling has taken place, and areas of higher incidence of human contact. Areas not shown in the table do not have any sampling data available, and are considered to be in category "3". Ensuing cycles may add waters as necessary. Parameters where no data were available were coded with a "?", and also assigned to category "3".

The Waterbody Assessment Decisions Table in Chapter 3 contains a number of waterbodies that are similar in name to other waterbodies (indicated by an asterisk \*); these are not duplicates. These waterbody entries are from previous 303(d) listing cycles and were listed at that time as separate entries from similar sampling stations.

**TABLE 4. Category List of Changes from 2008/2010 Listed Coastal Waters**

- A multi-category listing method was employed for 2012 to better characterize water quality conditions.
- The Pollutants column is populated with pollutants on which a *change* has occurred (e.g. new listing, delisting, etc.).
- Pollutants: entero=enterococci; TN=Total Nitrogen; NO3+NO2=Nitrate+Nitrite nitrogen; TP=Total Phosphorus; Turb=Turbidity; chl-a=chlorophyll a; NH4=ammonium nitrogen; PO4=Phosphate.
- For the purposes of this report, listed water bodies are sorted by island, north to south.
- Summary Rationale Codes: NND=New Numerical Data; NL=New Listed Impairment (category 5); DL=Delisting (category 5 to 2); A2=Assigning of category 2; TC=Textual Change.

| KAUAI                            |            |                  |                  |                   |   |
|----------------------------------|------------|------------------|------------------|-------------------|---|
| Scope of Assessment              | Geocode ID | Pollutant        | Decision Action  | Summary Rationale | Reason for Changes  |
| Hanalei Bay upstream of Dolphin* | HIW00160   | Wet/Dry Criteria | Correction       | TC                | Correction of mislabeled wet/dry criteria from WET to NA.   |
| Hanalei River                    | HI385259   | Wet/Dry Criteria | Correction       | TC                | Correction of mislabeled wet/dry criteria from WET to NA.   |
| Kealia                           | HI402035   | entero           |                  | NND, A2           | <b>Assign cat. 2;</b> The assessment of new data documents indicate that applicable WQS are being attained.   |
| Lumaha'i Beach                   | HI889639   | entero           | List Pollutant   | NND, NL           | <b>ASSIGN cat. 5;</b> The assessment of new data documents indicate that applicable WQS are not being attained.   |
| Lydgate Park                     | HI798758   | entero           | Delist Pollutant | NND, DL           | <b>DELIST: cat. 2;</b> The assessment of data documents indicate that applicable WQS are now being attained for entero, resulting in a category change from 5 to 2. |
| Na Pali Coast State Park         | HI709808   | Wet/Dry Criteria | Correction       | TC                | Correction of mislabeled wet/dry criteria from DRY to WET.  |
| Nawiliwili Bay (Kalapaki Beach)  | HIW00114   | Wet/Dry Criteria | Correction       | TC                | Correction of mislabeled wet/dry criteria from WET to DRY.  |
|                                  |            | chl-a            | List Pollutant   | NND, NL           | <b>ASSIGN cat. 5;</b> The assessment of new data documents indicate that applicable WQS are not being attained.   |
|                                  |            | NH4              | List Pollutant   | NND, NL           | <b>ASSIGN cat. 5;</b> The assessment of new data documents indicate that applicable WQS are not being attained.   |

| KAUAI   |            |                  |                  |                   |   |
|---|------------|------------------|------------------|-------------------|---|
| Scope of Assessment   | Geocode ID | Pollutant        | Decision Action  | Summary Rationale | Reason for Changes  |
| Nawiliwili Bay (Nawiliwili Harbor)  | HIW00115   | Wet/Dry Criteria | Correction       | TC                | Correction of mislabeled wet/dry criteria from WET to DRY.  |
|   |            | entero           | Delist Pollutant | NND, DL           | <b>DELIST: cat. 2;</b> The assessment of data documents indicate that applicable WQS are now being attained for entero, resulting in a category change from 5 to 2. |
|   |            | chl-a            | List Pollutant   | NND, NL           | <b>ASSIGN cat. 5;</b> The assessment of new data documents indicate that applicable WQS are not being attained.   |
| Nawiliwili Bay-from breakwater to shore   | HIW00059   | Wet/Dry Criteria | Correction       | TC                | Correction of mislabeled wet/dry criteria from WET to DRY.  |
| Nu'alolo  | HI945520   | Wet/Dry Criteria | Correction       | TC                | Correction of mislabeled wet/dry criteria from DRY to WET.  |
| Pacific Missile Range Facility  | HI176480   | entero           |                  | NND, A2           | <b>Assign cat. 2;</b> The assessment of new data documents indicate that applicable WQS are being attained.   |
| Sheraton Beach  | HI542569   | entero           |                  | NND, A2           | <b>Assign cat. 2;</b> The assessment of new data documents indicate that applicable WQS are being attained.   |
| Shipwreck Beach   | HI358435   | entero           |                  | NND, A2           | <b>Assign cat. 2;</b> The assessment of new data documents indicate that applicable WQS are being attained.   |
| Waikoko Estuary   | HIW00162   | Wet/Dry Criteria | Correction       | TC                | Correction of mislabeled wet/dry criteria from WET to NA.   |
| Wailua (Wailua River Station)   | HI606168   | Waterbody Type   | Correction       | TC                | Correction of mislabeled waterbody type from Estuary to Coastal.  |
|   |            | entero           | Delist Pollutant | NND, DL           | <b>DELIST: cat. 2;</b> The assessment of data documents indicate that applicable WQS are now being attained for entero, resulting in a category change from 5 to 2. |
| Waimea Bay Beach (Near River station)   | HI862821   | Wet/Dry Criteria | Correction       | TC                | Correction of mislabeled wet/dry criteria from NA to DRY.   |
| Waimea Bay Beach-nearshore waters to 18' from Kekaha Oomano Pt. - 1.5 miles SE of Mahinaui Stream | HIW00057   | Wet/Dry Criteria | Correction       | TC                | Correction of mislabeled wet/dry criteria from WET to DRY.  |

| KAUAI                    |            |                  |                 |                   |   |
|--------------------------|------------|------------------|-----------------|-------------------|---|
| Scope of Assessment      | Geocode ID | Pollutant        | Decision Action | Summary Rationale | Reason for Changes  |
| Waimea Rec. Pier St. Pk. | HI245235   | entero           | List Pollutant  | NND, NL           | <b>ASSIGN cat. 5;</b> The assessment of new data documents indicate that applicable WQS are not being attained. |
| Waioli Stream Estuary    | HIW00163   | Wet/Dry Criteria | Correction      | TC                | Correction of mislabeled wet/dry criteria from WET to NA.   |
| Waipa Stream Estuary     | HIW00164   | Wet/Dry Criteria | Correction      | TC                | Correction of mislabeled wet/dry criteria from WET to NA.   |

| OAHU   |            |                  |                  |                   |   |
|--|------------|------------------|------------------|-------------------|---|
| Scope of Assessment  | Geocode ID | Pollutant        | Decision Action  | Summary Rationale | Reason for Changes  |
| Aukai Beach Co. Park   | HI145110   | entero           |                  | NND, A2           | <b>Assign cat. 2;</b> The assessment of new data documents indicate that applicable WQS are being attained.   |
| Diamond Head   | HI544313   | Geocode ID       | Correction       | TC                | Correction of mislabeled geocode ID to match BEACH Report from HI431723 to HI544313.  |
| Ehukai Beach Co. Pk.   | HI531535   | entero           |                  | NND, A2           | <b>Assign cat. 2;</b> The assessment of new data documents indicate that applicable WQS are being attained.   |
| Ewa Beach  | HI767464   | entero           |                  | NND, A2           | <b>Assign cat. 2;</b> The assessment of new data documents indicate that applicable WQS are being attained.   |
| Fort Hase Beach  | HI410735   | entero           |                  | NND, A2           | <b>Assign cat. 2;</b> The assessment of new data documents indicate that applicable WQS are being attained.   |
| Halona Cove  | HI132946   | entero           |                  | NND, A2           | <b>Assign cat. 2;</b> The assessment of new data documents indicate that applicable WQS are being attained.   |
| Hanauma Bay (oceanic)  | HIW00017   | Waterbody Type   | Correction       | TC                | Correction of mislabeled waterbody type from Bay to Oceanic.  |
|  |            | Wet/Dry Criteria | Correction       | TC                | Correction of mislabeled wet/dry criteria from DRY to NA.   |
| Honolulu Harbor & Shore area-Honolulu Waterfront-Aloha Tower | HIW00061   | NO3+NO2          |                  | NND, A2           | <b>Assign cat. 2;</b> The assessment of new data documents indicate that applicable WQS are being attained.   |
|  |            | Turb             | Delist Pollutant | NND, DL           | <b>DELIST: cat. 2;</b> The assessment of data documents indicate that applicable WQS are now being attained for total nitrogen, resulting in a category change from 5 to 2. |
|  |            | NH4              | List Pollutant   | NND, NL           | <b>ASSIGN cat. 5;</b> The assessment of new data documents indicate that applicable WQS are not being attained.   |
| Ihilani Honu Lagoon  | HI815093   | entero           |                  | NND, A2           | <b>Assign cat. 2;</b> The assessment of new data documents indicate that applicable WQS are being attained.   |

| OAHU                   |            |                  |                 |                   |   |
|------------------------|------------|------------------|-----------------|-------------------|---|
| Scope of Assessment    | Geocode ID | Pollutant        | Decision Action | Summary Rationale | Reason for Changes  |
| Ihilani Naia Lagoon    | HI685981   | entero           |                 | NND, A2           | <b>Assign cat. 2;</b> The assessment of new data documents indicate that applicable WQS are being attained.     |
| Ihilani Ulua Lagoon    | HI550240   | entero           |                 | NND, A2           | <b>Assign cat. 2;</b> The assessment of new data documents indicate that applicable WQS are being attained.     |
| Iroquois Pt.           | HI412839   | Waterbody Type   | Correction      | TC                | Correction of mislabeled waterbody type from Coastal to Pearl Harbor.   |
|                        |            | Wet/Dry Criteria | Correction      | TC                | Correction of mislabeled wet/dry criteria from WET to NA.   |
|                        |            | entero           |                 | NND, A2           | <b>Assign cat. 2;</b> The assessment of new data documents indicate that applicable WQS are being attained.     |
| Ka'alawai Beach        | HI253930   | entero           | List Pollutant  | NND, NL           | <b>ASSIGN cat. 5;</b> The assessment of new data documents indicate that applicable WQS are not being attained. |
| Ka'ena Pt.             | HI645485   | entero           |                 | NND, A2           | <b>Assign cat. 2;</b> The assessment of new data documents indicate that applicable WQS are being attained.     |
| Kahe Pt. Beach Co. Pk. | HI548986   | entero           |                 | NND, A2           | <b>Assign cat. 2;</b> The assessment of new data documents indicate that applicable WQS are being attained.     |
| Kahuku Golf Course     | HI989341   | Waterbody Type   | Correction      | TC                | Correction of mislabeled waterbody type from Estuary to Coastal.  |
|                        |            | Wet/Dry Criteria | Correction      | TC                | Correction of mislabeled wet/dry criteria from NA to DRY.   |
| Kaiaka Bay             | HIW00106   | entero           | List Pollutant  | NND, NL           | <b>ASSIGN cat. 5;</b> The assessment of new data documents indicate that applicable WQS are not being attained. |
| Kaihalulu Beach        | HI668562   | entero           |                 | NND, A2           | <b>Assign cat. 2;</b> The assessment of new data documents indicate that applicable WQS are being attained.     |
| Kaipapa'u Beach        | HI787959   | entero           |                 | NND, A2           | <b>Assign cat. 2;</b> The assessment of new data documents indicate that applicable WQS are being attained.     |

| OAHU                          |            |                  |                 |                   |   |
|-------------------------------|------------|------------------|-----------------|-------------------|---|
| Scope of Assessment           | Geocode ID | Pollutant        | Decision Action | Summary Rationale | Reason for Changes  |
| Kaloko (Queens) Beach         | HI353985   | entero           |                 | NND, A2           | <b>Assign cat. 2;</b> The assessment of new data documents indicate that applicable WQS are being attained.     |
| Kaneohe Bay (Central Region)  | HIW00013   | Wet/Dry Criteria | Correction      | TC                | Correction of mislabeled wet/dry criteria from DRY to WET.  |
| Kaneohe Bay (Northern Region) | HIW00012   | Wet/Dry Criteria | Correction      | TC                | Correction of mislabeled wet/dry criteria from DRY to WET.  |
| Kaneohe Bay (Southern Region) | HIW00011   | Wet/Dry Criteria | Correction      | TC                | Correction of mislabeled wet/dry criteria from DRY to WET.  |
| Kapi'olani Park               | HI733929   | Wet/Dry Criteria | Correction      | TC                | Correction of mislabeled wet/dry criteria from WET to DRY.  |
|                               |            | entero           |                 | NND, A2           | <b>Assign cat. 2;</b> The assessment of new data documents indicate that applicable WQS are being attained.     |
| Kaunala Beach                 | HI622160   | entero           |                 | NND, A2           | <b>Assign cat. 2;</b> The assessment of new data documents indicate that applicable WQS are being attained.     |
| Kea'au Beach Co. Park         | HI730738   | entero           |                 | NND, A2           | <b>Assign cat. 2;</b> The assessment of new data documents indicate that applicable WQS are being attained.     |
| Kealia Beach                  | HI612698   | entero           |                 | NND, A2           | <b>Assign cat. 2;</b> The assessment of new data documents indicate that applicable WQS are being attained.     |
| Keehi Lagoon                  | HIW00009   | entero           | List Pollutant  | NND, NL           | <b>ASSIGN cat. 5;</b> The assessment of new data documents indicate that applicable WQS are not being attained. |
| Kokololio Beach               | HI767708   | Geocode ID       | Correction      | TC                | Correction of mislabeled geocode ID to match BEACH Report from HI467112 to HI767708.                            |
| Kualoa Sugar Mill Beach       | HI484535   | entero           |                 | NND, A2           | <b>Assign cat. 2;</b> The assessment of new data documents indicate that applicable WQS are being attained.     |
| Kuhio Beach                   | HI681782   | Wet/Dry Criteria | Correction      | TC                | Correction of mislabeled wet/dry criteria from WET to DRY.  |

| OAHU                      |            |                  |                  |                   |   |
|---------------------------|------------|------------------|------------------|-------------------|---|
| Scope of Assessment       | Geocode ID | Pollutant        | Decision Action  | Summary Rationale | Reason for Changes  |
|                           |            | entero           | Delist Pollutant | NND, DL           | <b>DELIST: cat. 2;</b> The assessment of data documents indicate that applicable WQS are now being attained for total nitrogen, resulting in a category change from 5 to 2. |
|                           |            | chl-a            | List Pollutant   | NND, NL           | <b>ASSIGN cat. 5;</b> The assessment of new data documents indicate that applicable WQS are not being attained.   |
| Kuhio Beach (Public Bath) | HI851298   | Wet/Dry Criteria | Correction       | TC                | Correction of mislabeled wet/dry criteria from WET to DRY.  |
|                           |            | NH4              | List Pollutant   | NND, NL           | <b>ASSIGN cat. 5;</b> The assessment of new data documents indicate that applicable WQS are not being attained.   |
| Laniloa Peninsula (Beach) | HI201901   | entero           |                  | NND, A2           | <b>Assign cat. 2;</b> The assessment of new data documents indicate that applicable WQS are being attained.   |
| Laukinui Beach            | HI739818   | entero           |                  | NND, A2           | <b>Assign cat. 2;</b> The assessment of new data documents indicate that applicable WQS are being attained.   |
| Lualualei Beach Co. Park  | HI800877   | entero           |                  | NND, A2           | <b>Assign cat. 2;</b> The assessment of new data documents indicate that applicable WQS are being attained.   |
| Makao Beach               | HI147212   | Geocode ID       | Correction       | TC                | Correction of mislabeled geocode ID to match BEACH Report from HI542752 to HI147212.  |
|                           |            | entero           |                  | NND, A2           | <b>Assign cat. 2;</b> The assessment of new data documents indicate that applicable WQS are being attained.   |
| Mamala Bay (Oceanic)      | HIW00015   | Waterbody Type   | Correction       | TC                | Correction of mislabeled waterbody type from Coastal to Oceanic.  |
|                           |            | Wet/Dry Criteria | Correction       | TC                | Correction of mislabeled wet/dry criteria from WET to NA.   |
| Manner's Beach            | HI717740   | entero           |                  | NND, A2           | <b>Assign cat. 2;</b> The assessment of new data documents indicate that applicable WQS are being attained.   |
| Maunalua Bay              | HIW00016   | Waterbody Type   | Correction       | TC                | Correction of mislabeled waterbody type from Bay to Coastal.  |

| OAHU                            |            |                  |                  |                   |   |
|---------------------------------|------------|------------------|------------------|-------------------|---|
| Scope of Assessment             | Geocode ID | Pollutant        | Decision Action  | Summary Rationale | Reason for Changes  |
|                                 |            | Wet/Dry Criteria | Correction       | TC                | Correction of mislabeled wet/dry criteria from WET to DRY.  |
| Mokule'ia Beach Co. Park        | HI220308   | entero           |                  | NND, A2           | <b>Assign cat. 2;</b> The assessment of new data documents indicate that applicable WQS are being attained.   |
| North Beach                     | HI426406   | entero           |                  | NND, A2           | <b>Assign cat. 2;</b> The assessment of new data documents indicate that applicable WQS are being attained.   |
| Ohikilolo Beach (Barking Sands) | HI731423   | entero           |                  | NND, A2           | <b>Assign cat. 2;</b> The assessment of new data documents indicate that applicable WQS are being attained.   |
| Oneawa Beach                    | HI952205   | entero           | Delist Pollutant | NND, DL           | <b>DELIST: cat. 2;</b> The assessment of data documents indicate that applicable WQS are now being attained for entero, resulting in a category change from 5 to 2. |
| Outrigger Canoe Club Beach      | HI943325   | Wet/Dry Criteria | Correction       | TC                | Correction of mislabeled wet/dry criteria from WET to DRY.  |
|                                 |            | entero           |                  | NND, A2           | <b>Assign cat. 2;</b> The assessment of new data documents indicate that applicable WQS are being attained.   |
| Pahipahi'alu Beach              | HI575467   | entero           |                  | NND, A2           | <b>Assign cat. 2;</b> The assessment of new data documents indicate that applicable WQS are being attained.   |
| Papa'iloa Beach                 | HI478834   | entero           |                  | NND, A2           | <b>Assign cat. 2;</b> The assessment of new data documents indicate that applicable WQS are being attained.   |
| Papaoneone Beach                | HI990625   | entero           |                  | NND, A2           | <b>Assign cat. 2;</b> The assessment of new data documents indicate that applicable WQS are being attained.   |
| Pearl Harbor                    | HIW00006   | Turb             | Delist Pollutant | NND, DL           | <b>DELIST: cat. 2;</b> The assessment of data documents indicate that applicable WQS are now being attained for entero, resulting in a category change from 5 to 2. |
| Pipeline, The                   | HI188157   | entero           |                  | NND, A2           | <b>Assign cat. 2;</b> The assessment of new data documents indicate that applicable WQS are being attained.   |

| OAHU                     |            |                  |                  |                   |   |
|--------------------------|------------|------------------|------------------|-------------------|---|
| Scope of Assessment      | Geocode ID | Pollutant        | Decision Action  | Summary Rationale | Reason for Changes  |
| Pokai Bay (oceanic)      | HIW00019   | Waterbody Type   | Correction       | TC                | Correction of mislabeled waterbody type from Bay to Oceanic.  |
|                          |            | Wet/Dry Criteria | Correction       | TC                | Correction of mislabeled wet/dry criteria to NA.  |
| Pokai Bay (open coastal) | HIW00018   | Waterbody Type   | Correction       | TC                | Correction of mislabeled waterbody type from Bay to Coastal.  |
|                          |            | Wet/Dry Criteria | Correction       | TC                | Correction of mislabeled wet/dry criteria to DRY.   |
|                          |            | entero           |                  | NND, A2           | <b>Assign cat. 2;</b> The assessment of new data documents indicate that applicable WQS are being attained.   |
|                          |            | TN               | Delist Pollutant | NND, DL           | <b>DELIST: cat. 2;</b> The assessment of data documents indicate that applicable WQS are now being attained for total nitrogen, resulting in a category change from 5 to 2. |
|                          |            | NO3+NO2          |                  | NND, A2           | <b>Assign cat. 2;</b> The assessment of new data documents indicate that applicable WQS are being attained.   |
|                          |            | TP               |                  | NND, A2           | <b>Assign cat. 2;</b> The assessment of new data documents indicate that applicable WQS are being attained.   |
|                          |            | Turb             | List Pollutant   | NND, NL           | <b>ASSIGN cat. 5;</b> The assessment of new data documents indicate that applicable WQS are not being attained.   |
|                          |            | chl-a            | Delist Pollutant | NND, DL           | <b>DELIST: cat. 2;</b> The assessment of data documents indicate that applicable WQS are now being attained for total nitrogen, resulting in a category change from 5 to 2. |
|                          |            | NH4              |                  | NND, A2           | <b>Assign cat. 2;</b> The assessment of new data documents indicate that applicable WQS are being attained.   |
| Pounders Beach           | HI587568   | entero           |                  | NND, A2           | <b>Assign cat. 2;</b> The assessment of new data documents indicate that applicable WQS are being attained.   |

| OAHU                    |            |                     |                  |                   |  |
|-------------------------|------------|---------------------|------------------|-------------------|--|
| Scope of Assessment     | Geocode ID | Pollutant           | Decision Action  | Summary Rationale | Reason for Changes   |
| Punaluu Beach Park      | HI148836   | entero              | List Pollutant   | NND, NL           | <b>ASSIGN cat. 5;</b> The assessment of new data documents indicate that applicable WQS are not being attained.  |
| Pupukea Beach Co. Park  | HI193495   | entero              |                  | NND, A2           | <b>Assign cat. 2;</b> The assessment of new data documents indicate that applicable WQS are being attained.  |
| Pu'uiki                 | HI437024   | entero              |                  | NND, A2           | <b>Assign cat. 2;</b> The assessment of new data documents indicate that applicable WQS are being attained.  |
| Pu'uohulu Beach         | HI960731   | entero              |                  | NND, A2           | <b>Assign cat. 2;</b> The assessment of new data documents indicate that applicable WQS are being attained.  |
| Queen's Surf Beach Park | HIW00069   | Wet/Dry Criteria    | Correction       | TC                | Correction of mislabeled wet/dry criteria from WET to DRY.   |
| Sand Island             | HI714359   | Scope of Assessment | Correction       | TC                | Correction of scope of assessment to match BEACH Report from Sand Island Pt.#2 to Sand Island.   |
|                         |            | TN                  | Delist Pollutant | NND, DL           | <b>DELIST: cat. 2;</b> The assessment of data documents indicate that applicable WQS are now being attained for chl-a, resulting in a category change from 5 to 2. |
|                         |            | NO3+NO2             | List Pollutant   | NND, NL           | <b>ASSIGN cat. 5;</b> The assessment of new data documents indicate that applicable WQS are not being attained.  |
|                         |            | TP                  |                  | NND, A2           | <b>Assign cat. 2;</b> The assessment of new data documents indicate that applicable WQS are being attained.  |
|                         |            | NH4                 |                  | NND, A2           | <b>Assign cat. 2;</b> The assessment of new data documents indicate that applicable WQS are being attained.  |
| Sans Souci              | HI617815   | Wet/Dry Criteria    | Correction       | TC                | Correction of mislabeled wet/dry criteria from WET to DRY.   |
|                         |            | TN                  | List Pollutant   | NND, NL           | <b>ASSIGN cat. 5;</b> The assessment of new data documents indicate that applicable WQS are not being attained.  |

| OAHU   |            |                     |                 |                   |   |
|--|------------|---------------------|-----------------|-------------------|---|
| Scope of Assessment  | Geocode ID | Pollutant           | Decision Action | Summary Rationale | Reason for Changes  |
|  |            | chl-a               | List Pollutant  | NND, NL           | <b>ASSIGN cat. 5;</b> The assessment of new data documents indicate that applicable WQS are not being attained. |
| Swanzy Beach Co. Park  | HI151343   | entero              |                 | NND, A2           | <b>Assign cat. 2;</b> The assessment of new data documents indicate that applicable WQS are being attained.     |
| Tongg's  | HI248913   | Wet/Dry Criteria    | Correction      | TC                | Correction of mislabeled wet/dry criteria from WET to DRY.  |
| Turtle Bay   | HI776670   | entero              |                 | NND, A2           | <b>Assign cat. 2;</b> The assessment of new data documents indicate that applicable WQS are being attained.     |
| Waiale'e   | HI109657   | entero              |                 | NND, A2           | <b>Assign cat. 2;</b> The assessment of new data documents indicate that applicable WQS are being attained.     |
| Waialua Bay  | HI451176   | Scope of Assessment | Correction      | TC                | Correction of scope of assessment to match BEACH Report from Haleiwa Ali'i to Waialua Bay.                      |
| Waialua/Kaiaka Bays Nearshore waters to 60' from Puaena Point to a point 1.5 miles W of Kaiaka Pt. | HIW00083   | Wet/Dry Criteria    | Correction      | TC                | Correction of mislabeled wet/dry criteria to WET.   |
| War Memorial Natatorium  | HI624259   | Wet/Dry Criteria    | Correction      | TC                | Correction of mislabeled wet/dry criteria from WET to DRY.  |

**MOLOKAI**

| <b>Scope of Assessment</b>  | <b>Geocode ID</b> | <b>Pollutant</b> | <b>Decision Action</b> | <b>Summary Rationale</b> | <b>Reason for Changes</b>  |
|---|-------------------|------------------|------------------------|--------------------------|--|
| Papalaua  | HI462219          |                  | Correction             | TC                       | Delete scope of assessment entry. Correction of misplaced island from Molokai to Maui. |
| South Molokai Coast-nearshore waters to 18' from SW point-Waialua | HIW00052          | Wet/Dry Criteria | Correction             | TC                       | Correction of mislabeled wet/dry criteria to DRY.                                      |

| LANAI                   |            |           |                  |                   |   |
|-------------------------|------------|-----------|------------------|-------------------|---|
| Scope of Assessment     | Geocode ID | Pollutant | Decision Action  | Summary Rationale | Reason for Changes  |
| Kawaiu Gulch-Makole Pt. | HIW00133   | TN        | Delist Pollutant | NND, DL           | <b>DELIST: cat. 2;</b> The assessment of data documents indicate that applicable WQS are now being attained for entero, resulting in a category change from 5 to 2. |
| Manele Bay Beach        | HIW00178   | TN        | Delist Pollutant | NND, DL           | <b>DELIST: cat. 2;</b> The assessment of data documents indicate that applicable WQS are now being attained for entero, resulting in a category change from 5 to 2. |

| MAUI                              |            |                     |                  |                   |   |
|-----------------------------------|------------|---------------------|------------------|-------------------|---|
| Scope of Assessment               | Geocode ID | Pollutant           | Decision Action  | Summary Rationale | Reason for Changes  |
| Ahihi-Kina'u Natural Area Reserve | HIW00084   | Waterbody Type      | Correction       | TC                | Correction of mislabeled waterbody type from Bay to Coastal.  |
| Hanaka'o'o Beach Co. Pk.          | HI797917   | entero              | Delist Pollutant | NND, DL           | <b>DELIST: cat. 2;</b> The assessment of data documents indicate that applicable WQS are now being attained for entero, resulting in a category change from 5 to 2. |
|                                   |            | TN                  |                  | NND, A2           | <b>Assign cat. 2;</b> The assessment of new data documents indicate that applicable WQS are being attained.   |
|                                   |            | TP                  | List Pollutant   | NND, NL           | <b>ASSIGN cat. 5;</b> The assessment of new data documents indicate that applicable WQS are not being attained.   |
|                                   |            | chl-a               | List Pollutant   | NND, NL           | <b>ASSIGN cat. 5;</b> The assessment of new data documents indicate that applicable WQS are not being attained.   |
|                                   |            | NH4                 | List Pollutant   | NND, NL           | <b>ASSIGN cat. 5;</b> The assessment of new data documents indicate that applicable WQS are not being attained.   |
| Honokowai Beach Co. Pk.           | HI412391   | Scope of Assessment | Correction       | TC                | Correction of scope of assessment to match BEACH Report. Delete (Hale Onoloa Condo).  |
|                                   |            | entero              |                  | NND, A2           | <b>Assign cat. 2;</b> The assessment of new data documents indicate that applicable WQS are being attained.   |
|                                   |            | TN                  |                  | NND, A2           | <b>Assign cat. 2;</b> The assessment of new data documents indicate that applicable WQS are being attained.   |
|                                   |            | NO3+NO2             | List Pollutant   | NND, NL           | <b>ASSIGN cat. 5;</b> The assessment of new data documents indicate that applicable WQS are not being attained.   |
|                                   |            | TP                  | Delist Pollutant | NND, DL           | <b>DELIST: cat. 2;</b> The assessment of data documents indicate that applicable WQS are now being attained for entero, resulting in a category change from 5 to 2. |

| MAUI                        |            |           |                 |                   |   |
|-----------------------------|------------|-----------|-----------------|-------------------|---|
| Scope of Assessment         | Geocode ID | Pollutant | Decision Action | Summary Rationale | Reason for Changes  |
|                             |            | NH4       | List Pollutant  | NND, NL           | <b>ASSIGN cat. 5;</b> The assessment of new data documents indicate that applicable WQS are not being attained. |
| Honolua Bay                 | HI280286   | entero    |                 | NND, A2           | <b>Assign cat. 2;</b> The assessment of new data documents indicate that applicable WQS are being attained.     |
|                             |            | TN        | List Pollutant  | NND, NL           | <b>ASSIGN cat. 5;</b> The assessment of new data documents indicate that applicable WQS are not being attained. |
|                             |            | NO3+NO2   | List Pollutant  | NND, NL           | <b>ASSIGN cat. 5;</b> The assessment of new data documents indicate that applicable WQS are not being attained. |
|                             |            | TP        | List Pollutant  | NND, NL           | <b>ASSIGN cat. 5;</b> The assessment of new data documents indicate that applicable WQS are not being attained. |
|                             |            | chl-a     | List Pollutant  | NND, NL           | <b>ASSIGN cat. 5;</b> The assessment of new data documents indicate that applicable WQS are not being attained. |
|                             |            | NH4       | List Pollutant  | NND, NL           | <b>ASSIGN cat. 5;</b> The assessment of new data documents indicate that applicable WQS are not being attained. |
| Ka'anapali (Kahekili Beach) | HI643627   | TN        |                 | NND, A2           | <b>Assign cat. 2;</b> The assessment of new data documents indicate that applicable WQS are being attained.     |
|                             |            | NO3+NO2   | List Pollutant  | NND, NL           | <b>ASSIGN cat. 5;</b> The assessment of new data documents indicate that applicable WQS are not being attained. |
|                             |            | TP        |                 | NND, A2           | <b>Assign cat. 2;</b> The assessment of new data documents indicate that applicable WQS are being attained.     |
|                             |            | chl-a     |                 | NND, A2           | <b>Assign cat. 2;</b> The assessment of new data documents indicate that applicable WQS are being attained.     |
|                             |            | NH4       | List Pollutant  | NND, NL           | <b>ASSIGN cat. 5;</b> The assessment of new data documents indicate that applicable WQS are not being attained. |

| MAUI                                      |            |           |                 |                   |   |
|---|------------|-----------|-----------------|-------------------|---|
| Scope of Assessment                       | Geocode ID | Pollutant | Decision Action | Summary Rationale | Reason for Changes  |
| Ka'anapali (Sheraton Kaanapali Shoreline) | HIW00022   | entero    |                 | NND, A2           | <b>Assign cat. 2;</b> The assessment of new data documents indicate that applicable WQS are being attained.     |
| Kahana (Mahinahina Condo Shoreline)       | HI160433   | entero    |                 | NND, A2           | <b>Assign cat. 2;</b> The assessment of new data documents indicate that applicable WQS are being attained.     |
|   |            | TN        | List Pollutant  | NND, NL           | <b>ASSIGN cat. 5;</b> The assessment of new data documents indicate that applicable WQS are not being attained. |
|   |            | NO3+NO2   | List Pollutant  | NND, NL           | <b>ASSIGN cat. 5;</b> The assessment of new data documents indicate that applicable WQS are not being attained. |
|   |            | NH4       | List Pollutant  | NND, NL           | <b>ASSIGN cat. 5;</b> The assessment of new data documents indicate that applicable WQS are not being attained. |
| Kalama Beach Co. Park (Beach)             | HIW00023   | TP        | List Pollutant  | NND, NL           | <b>ASSIGN cat. 5;</b> The assessment of new data documents indicate that applicable WQS are not being attained. |
| Kalama Beach Co. Park (Cove Park)         | HI705118   | TN        | List Pollutant  | NND, NL           | <b>ASSIGN cat. 5;</b> The assessment of new data documents indicate that applicable WQS are not being attained. |
|   |            | NO3+NO2   | List Pollutant  | NND, NL           | <b>ASSIGN cat. 5;</b> The assessment of new data documents indicate that applicable WQS are not being attained. |
|   |            | TP        | List Pollutant  | NND, NL           | <b>ASSIGN cat. 5;</b> The assessment of new data documents indicate that applicable WQS are not being attained. |
|   |            | chl-a     | List Pollutant  | NND, NL           | <b>ASSIGN cat. 5;</b> The assessment of new data documents indicate that applicable WQS are not being attained. |
|   |            | NH4       | List Pollutant  | NND, NL           | <b>ASSIGN cat. 5;</b> The assessment of new data documents indicate that applicable WQS are not being attained. |

| MAUI                          |            |                  |                 |                   |   |
|-------------------------------|------------|------------------|-----------------|-------------------|---|
| Scope of Assessment           | Geocode ID | Pollutant        | Decision Action | Summary Rationale | Reason for Changes  |
| Kalepolepo Beach              | HI647373   | entero           |                 | NND, A2           | <b>Assign cat. 2;</b> The assessment of new data documents indicate that applicable WQS are being attained.     |
| Kamaole Beach 1               | HI761092   | TN               |                 | NND, A2           | <b>Assign cat. 2;</b> The assessment of new data documents indicate that applicable WQS are being attained.     |
|                               |            | NO3+NO2          | List Pollutant  | NND, NL           | <b>ASSIGN cat. 5;</b> The assessment of new data documents indicate that applicable WQS are not being attained. |
|                               |            | TP               | List Pollutant  | NND, NL           | <b>ASSIGN cat. 5;</b> The assessment of new data documents indicate that applicable WQS are not being attained. |
|                               |            | NH4              | List Pollutant  | NND, NL           | <b>ASSIGN cat. 5;</b> The assessment of new data documents indicate that applicable WQS are not being attained. |
| Kanaha Beach (Kaa Shoreline)  | HIW00020   | entero           |                 | NND, A2           | <b>Assign cat. 2;</b> The assessment of new data documents indicate that applicable WQS are being attained.     |
| Kihei Coast-Cove Park*        | HIW00167   | Wet/Dry Criteria | Correction      | TC                | Correction of mislabeled wet/dry criteria to DRY.   |
| Kihei Coast-Estuary Boat Ramp | HIW00166   | Wet/Dry Criteria | Correction      | TC                | Correction of mislabeled wet/dry criteria to DRY.   |
| Kihei Coast-Kalepolepo        | HIW00039   | Wet/Dry Criteria | Correction      | TC                | Correction of mislabeled wet/dry criteria to DRY.   |
| Kihei Coast-Kaonoulu Estuary  | HIW00040   | Wet/Dry Criteria | Correction      | TC                | Correction of mislabeled wet/dry criteria to NA.  |
| Kihei Coast-Kealia Pond       | HIW00070   | Wet/Dry Criteria | Correction      | TC                | Correction of mislabeled wet/dry criteria to NA.  |
| Kihei Coast-Keawakapu*        | HIW00074   | Wet/Dry Criteria | Correction      | TC                | Correction of mislabeled wet/dry criteria to DRY.   |
| Kihei Coast-Kulanihakai       | HIW00043   | Wet/Dry Criteria | Correction      | TC                | Correction of mislabeled wet/dry criteria to DRY.   |
| Kihei Coast-Lipoa South       | HIW00072   | Wet/Dry Criteria | Correction      | TC                | Correction of mislabeled wet/dry criteria to DRY.   |
| Kihei Coast-Luana Kai         | HIW00041   | Wet/Dry Criteria | Correction      | TC                | Correction of mislabeled wet/dry criteria to DRY.   |

| MAUI  |            |                  |                 |                   |   |
|---|------------|------------------|-----------------|-------------------|---|
| Scope of Assessment                               | Geocode ID | Pollutant        | Decision Action | Summary Rationale | Reason for Changes  |
| Kihei Coast-Maui Coast                            | HIW00073   | Wet/Dry Criteria | Correction      | TC                | Correction of mislabeled wet/dry criteria to DRY.   |
| Kihei Coast-Mokulele                              | HIW00042   | Wet/Dry Criteria | Correction      | TC                | Correction of mislabeled wet/dry criteria to DRY.   |
| Kihei Coast-South Kam II                          | HIW00071   | Wet/Dry Criteria | Correction      | TC                | Correction of mislabeled wet/dry criteria to DRY.   |
| Ku'au Bay   | HI276573   | entero           |                 | NND, A2           | <b>Assign cat. 2;</b> The assessment of new data documents indicate that applicable WQS are being attained.     |
| Lahaina Harbor                                    | HIW00137   | Waterbody Type   | Correction      | TC                | Correction of mislabeled waterbody type from Coastal to Bay.  |
| Ma'alaea Boat Harbor station*                     | HIW00082   | Waterbody Type   | Correction      | TC                | Correction of mislabeled waterbody type from Coastal to Bay.  |
| Mai Poina Oe Iau Beach Co. Pk. (Kihei N. station) | HI715975   | entero           |                 | NND, A2           | <b>Assign cat. 2;</b> The assessment of new data documents indicate that applicable WQS are being attained.     |
| Makena Landing Beach                              | HI245556   | entero           |                 | NND, A2           | <b>Assign cat. 2;</b> The assessment of new data documents indicate that applicable WQS are being attained.     |
| Maliko Bay  | HI423064   | entero           | List Pollutant  | NND, NL           | <b>ASSIGN cat. 5;</b> The assessment of new data documents indicate that applicable WQS are not being attained. |
| Malu'aka Beach                                    | HI847607   | entero           |                 | NND, A2           | <b>Assign cat. 2;</b> The assessment of new data documents indicate that applicable WQS are being attained.     |
| Mokapu Beach Park                                 | HI861961   | entero           |                 | NND, A2           | <b>Assign cat. 2;</b> The assessment of new data documents indicate that applicable WQS are being attained.     |
| Mokule'ia Beach                                   | HI977299   | entero           |                 | NND, A2           | <b>Assign cat. 2;</b> The assessment of new data documents indicate that applicable WQS are being attained.     |
| Napili Bay  | HI764060   | entero           |                 | NND, A2           | <b>Assign cat. 2;</b> The assessment of new data documents indicate that applicable WQS are being attained.     |

| MAUI  |            |            |                 |                   |  |
|---|------------|------------|-----------------|-------------------|--|
| Scope of Assessment                           | Geocode ID | Pollutant  | Decision Action | Summary Rationale | Reason for Changes   |
|   |            | TN         |                 | NND, A2           | <b>Assign cat. 2;</b> The assessment of new data documents indicate that applicable WQS are being attained.        |
|   |            | NO3+NO2    | List Pollutant  | NND, NL           | <b>ASSIGN cat. 5;</b> The assessment of new data documents indicate that applicable WQS are not being attained.    |
|   |            | TP         | List Pollutant  | NND, NL           | <b>ASSIGN cat. 5;</b> The assessment of new data documents indicate that applicable WQS are not being attained.    |
|   |            | chl-a      | List Pollutant  | NND, NL           | <b>ASSIGN cat. 5;</b> The assessment of new data documents indicate that applicable WQS are not being attained.    |
|   |            | NH4        | List Pollutant  | NND, NL           | <b>ASSIGN cat. 5;</b> The assessment of new data documents indicate that applicable WQS are not being attained.    |
| Olowalu (Shorefront)                          | HIW00021   | entero     |                 | NND, A2           | <b>Assign cat. 2;</b> The assessment of new data documents indicate that applicable WQS are being attained.        |
| Oneloa Beach (Big Beach) (Makena Bch Station) | HI279887   | entero     |                 | NND, A2           | <b>Assign cat. 2;</b> The assessment of new data documents indicate that applicable WQS are being attained.        |
| Oneuli Beach                                  | HI756040   | entero     |                 | NND, A2           | <b>Assign cat. 2;</b> The assessment of new data documents indicate that applicable WQS are being attained.        |
| Palauea Beach Park                            | HI997014   | entero     |                 | NND, A2           | <b>Assign cat. 2;</b> The assessment of new data documents indicate that applicable WQS are being attained.        |
| Papalaua                                      | HI462219   | Geocode ID | Correction      | TC                | Correction of mislabeled geocode ID to match BEACH Report from HIW00065 to HI462219. Moved from misplaced Molokai. |
|   |            | entero     |                 | NND, A2           | <b>Assign cat. 2;</b> The assessment of new data documents indicate that applicable WQS are being attained.        |
| Polo Beach Park                               | HI339656   | entero     |                 | NND, A2           | <b>Assign cat. 2;</b> The assessment of new data documents indicate that applicable WQS are being attained.        |

| MAUI                           |            |                  |                  |                   |   |
|--------------------------------|------------|------------------|------------------|-------------------|---|
| Scope of Assessment            | Geocode ID | Pollutant        | Decision Action  | Summary Rationale | Reason for Changes  |
| Po'olenalena Beach             | HI684864   | entero           |                  | NND, A2           | <b>Assign cat. 2;</b> The assessment of new data documents indicate that applicable WQS are being attained.   |
| Puamana Beach Co. Park         | HI167153   | entero           |                  | NND, A2           | <b>Assign cat. 2;</b> The assessment of new data documents indicate that applicable WQS are being attained.   |
| Pu'u ola'i (Small Beach)       | HI157533   | entero           |                  | NND, A2           | <b>Assign cat. 2;</b> The assessment of new data documents indicate that applicable WQS are being attained.   |
| Ukumehame Beach Co. Pk.        | HI814309   | entero           | Delist Pollutant | NND, DL           | <b>DELIST: cat. 2;</b> The assessment of data documents indicate that applicable WQS are now being attained for entero, resulting in a category change from 5 to 2. |
| Ulua Beach Park                | HI588333   | entero           |                  | NND, A2           | <b>Assign cat. 2;</b> The assessment of new data documents indicate that applicable WQS are being attained.   |
| Wahikuli State Wayside Park    | HI169380   | entero           |                  | NND, A2           | <b>Assign cat. 2;</b> The assessment of new data documents indicate that applicable WQS are being attained.   |
| Waiehu Beach Co. Park          | HI916183   | entero           |                  | NND, A2           | <b>Assign cat. 2;</b> The assessment of new data documents indicate that applicable WQS are being attained.   |
| Waihe'e                        | HI343702   | entero           |                  | NND, A2           | <b>Assign cat. 2;</b> The assessment of new data documents indicate that applicable WQS are being attained.   |
| West Maui Coast-Hanakeana Cove | HIW00044   | Wet/Dry Criteria | Correction       | TC                | Correction of mislabeled wet/dry criteria to DRY.   |
| West Maui Coast-Kahana Cove    | HIW00045   | Wet/Dry Criteria | Correction       | TC                | Correction of mislabeled wet/dry criteria to DRY.   |
| West Maui Coast-Kahana Sunset  | HIW00075   | Wet/Dry Criteria | Correction       | TC                | Correction of mislabeled wet/dry criteria to DRY.   |
| West Maui Coast-Kahana Village | HIW00076   | Wet/Dry Criteria | Correction       | TC                | Correction of mislabeled wet/dry criteria to DRY.   |
| West Maui Coast-Kaopala Bay    | HIW00046   | Wet/Dry Criteria | Correction       | TC                | Correction of mislabeled wet/dry criteria to DRY.   |

| <b>MAUI</b>   |                   |                  |                        |                          |   |
|---|-------------------|------------------|------------------------|--------------------------|---|
| <b>Scope of Assessment</b>                                      | <b>Geocode ID</b> | <b>Pollutant</b> | <b>Decision Action</b> | <b>Summary Rationale</b> | <b>Reason for Changes</b>                         |
| West Maui Coast-Lokelani  | HIW00077          | Wet/Dry Criteria | Correction             | TC                       | Correction of mislabeled wet/dry criteria to DRY. |
| West Maui Coast-Napili Bay                                      | HIW00078          | Wet/Dry Criteria | Correction             | TC                       | Correction of mislabeled wet/dry criteria to DRY. |
| West Maui Coast-nearshore waters to 60' from Honolulu - Lahaina | HIW00060          | Wet/Dry Criteria | Correction             | TC                       | Correction of mislabeled wet/dry criteria to DRY. |
| West Maui Coast-S-Turns (Pohaku)                                | HIW00047          | Wet/Dry Criteria | Correction             | TC                       | Correction of mislabeled wet/dry criteria to DRY. |
| West Maui-Papakea   | HIW00079          | Wet/Dry Criteria | Correction             | TC                       | Correction of mislabeled wet/dry criteria to DRY. |
| West Maui-Puamana   | HIW00080          | Wet/Dry Criteria | Correction             | TC                       | Correction of mislabeled wet/dry criteria to DRY. |

**HAWAII**

| Scope of Assessment          | Geocode ID | Pollutant | Decision Action  | Summary Rationale | Reason for Changes   |
|------------------------------|------------|-----------|------------------|-------------------|--|
| 2nd Beach (next to Mahaiula) | HI616452   | entero    |                  | NND, A2           | <b>Assign cat. 2;</b> The assessment of new data documents indicate that applicable WQS are being attained.  |
| Banyan's Surfing Area        | HI713314   | entero    | List Pollutant   | NND, NL           | <b>ASSIGN cat. 5;</b> The assessment of new data documents indicate that applicable WQS are not being attained.  |
| Hakalau Co. Pk.              | HI138086   | entero    |                  | NND, A2           | <b>Assign cat. 2;</b> The assessment of new data documents indicate that applicable WQS are being attained.  |
| Hilo Bay (Boat Landing)      | HIW00027   | entero    |                  | NND, A2           | <b>Assign cat. 2;</b> The assessment of new data documents indicate that applicable WQS are being attained.  |
| Hilo Bay (Canoe Beach)       | HI315019   | entero    | Delist Pollutant | NND, DL           | <b>DELIST: cat. 2;</b> The assessment of data documents indicate that applicable WQS are now being attained for chl-a, resulting in a category change from 5 to 2. |
|                              |            | TN        | List Pollutant   | NND, NL           | <b>ASSIGN cat. 5;</b> The assessment of new data documents indicate that applicable WQS are not being attained.  |
|                              |            | NO3+NO2   | List Pollutant   | NND, NL           | <b>ASSIGN cat. 5;</b> The assessment of new data documents indicate that applicable WQS are not being attained.  |
|                              |            | TP        | List Pollutant   | NND, NL           | <b>ASSIGN cat. 5;</b> The assessment of new data documents indicate that applicable WQS are not being attained.  |
|                              |            | chl-a     |                  | NND, A2           | <b>Assign cat. 2;</b> The assessment of new data documents indicate that applicable WQS are being attained.  |
|                              |            | NH4       | List Pollutant   | NND, NL           | <b>ASSIGN cat. 5;</b> The assessment of new data documents indicate that applicable WQS are not being attained.  |
| Hilo Bay (Lighthouse)        | HIW00028   | entero    | Delist Pollutant | NND, DL           | <b>DELIST: cat. 2;</b> The assessment of data documents indicate that applicable WQS are now being attained for chl-a, resulting in a category change from 5 to 2. |

**HAWAII**

| Scope of Assessment                                  | Geocode ID | Pollutant        | Decision Action  | Summary Rationale | Reason for Changes   |
|--|------------|------------------|------------------|-------------------|--|
|  |            | chl-a            | Delist Pollutant | NND, DL           | <b>DELIST: cat. 2;</b> The assessment of data documents indicate that applicable WQS are now being attained for chl-a, resulting in a category change from 5 to 2. |
| Honokohau Boat Harbor                                | HIW00099   | Wet/Dry Criteria | Correction       | TC                | Correction of mislabeled wet/dry criteria to DRY.  |
| Honoli'i Beach Co. Park                              | HI857411   | entero           | Delist Pollutant | NND, DL           | <b>DELIST: cat. 2;</b> The assessment of data documents indicate that applicable WQS are now being attained for chl-a, resulting in a category change from 5 to 2. |
| Ho'okena   | HI152572   | Waterbody Type   | Correction       | TC                | Correction of mislabeled waterbody type from Kona to Coastal.  |
|  |            | Wet/Dry Criteria | Correction       | TC                | Correction of mislabeled wet/dry criteria from NA to DRY.  |
|  |            | entero           |                  | NND, A2           | <b>Assign cat. 2;</b> The assessment of new data documents indicate that applicable WQS are being attained.  |
| James Kealoha Park                                   | HI670254   | Wet/Dry Criteria | Correction       | TC                | Correction of mislabeled wet/dry criteria from WET to NA.  |
| Kalapana Beach (new) (Harry K. Brown Beach Co. Park) | HI542822   | entero           |                  | NND, A2           | <b>Assign cat. 2;</b> The assessment of new data documents indicate that applicable WQS are being attained.  |
| Kamakaokahonu  | HIW00032   | entero           | Delist Pollutant | NND, DL           | <b>DELIST: cat. 2;</b> The assessment of data documents indicate that applicable WQS are now being attained for chl-a, resulting in a category change from 5 to 2. |
| Kapoho Bay   | HI391407   | entero           | List Pollutant   | NND, NL           | <b>ASSIGN cat. 5;</b> The assessment of new data documents indicate that applicable WQS are not being attained.  |
| Kapu'a Bay   | HIW00067   | Waterbody Type   | Correction       | TC                | Correction of mislabeled waterbody type from Kona to Coastal.  |
|  |            | Wet/Dry Criteria | Correction       | TC                | Correction of mislabeled wet/dry criteria from NA to DRY.  |
| Ka'upulehu   | HI770607   | entero           |                  | NND, A2           | <b>Assign cat. 2;</b> The assessment of new data documents indicate that applicable WQS are being attained.  |

| HAWAII  |            |                  |                  |                   |  |
|---|------------|------------------|------------------|-------------------|--|
| Scope of Assessment                           | Geocode ID | Pollutant        | Decision Action  | Summary Rationale | Reason for Changes   |
| Kawaihae Harbor                               | HI978783   | Waterbody Type   | Correction       | TC                | Correction of mislabeled waterbody type from Kona to Bay.  |
|   |            | Wet/Dry Criteria | Correction       | TC                | Correction of mislabeled wet/dry criteria from NA to DRY.  |
| Kawaihae Harbor/Pelekane Bay                  | HIW00155   | Waterbody Type   | Correction       | TC                | Correction of mislabeled waterbody type from Kona to Bay.  |
|   |            | Wet/Dry Criteria | Correction       | TC                | Correction of mislabeled wet/dry criteria from NA to DRY.  |
| Kealakekua Bay (Off Curio Stand)              | HIW00183   | entero           |                  | NND, A2           | <b>Assign cat. 2;</b> The assessment of new data documents indicate that applicable WQS are being attained.  |
| Kealia Beach                                  | HI514168   | Waterbody Type   | Correction       | TC                | Correction of mislabeled waterbody type from Kona to Coastal.  |
|   |            | Wet/Dry Criteria | Correction       | TC                | Correction of mislabeled wet/dry criteria from NA to DRY.  |
| Keaukaha Beach Park                           | HI849313   | Wet/Dry Criteria | Correction       | TC                | Correction of mislabeled wet/dry criteria from WET to NA.  |
|   |            |                  |                  |                   | <b>Assign cat. 2;</b> The assessment of new data documents indicate that applicable WQS are being attained.  |
| Kolekole Beach Co. Park                       | HI693485   | entero           | Delist Pollutant | NND, DL           | <b>DELIST: cat. 2;</b> The assessment of data documents indicate that applicable WQS are now being attained for chl-a, resulting in a category change from 5 to 2. |
| Laupahoehoe Beach Co. Park                    | HI380623   | entero           |                  | NND, A2           | <b>Assign cat. 2;</b> The assessment of new data documents indicate that applicable WQS are being attained.  |
| Lehia Beach                                   | HI691720   | Wet/Dry Criteria | Correction       | TC                | Correction of mislabeled wet/dry criteria from WET to NA.  |
|   |            | entero           |                  | NND, A2           | <b>Assign cat. 2;</b> The assessment of new data documents indicate that applicable WQS are being attained.  |
| Leleiwi Beach Co. Pk.                         | HI540868   | Wet/Dry Criteria | Correction       | TC                | Correction of mislabeled wet/dry criteria from WET to NA.  |
| Leleiwi Beach Co. Pk. (Richardson Ocean Ctr.) | HIW00030   | Wet/Dry Criteria | Correction       | TC                | Correction of mislabeled wet/dry criteria from WET to NA.  |

| HAWAII                                  |            |                  |                 |                   |   |
|---|------------|------------------|-----------------|-------------------|---|
| Scope of Assessment                     | Geocode ID | Pollutant        | Decision Action | Summary Rationale | Reason for Changes  |
| Manini'owali                            | HI720408   | entero           |                 | NND, A2           | <b>Assign cat. 2;</b> The assessment of new data documents indicate that applicable WQS are being attained.     |
| Miloli'i Beach                          | HI470112   | Waterbody Type   | Correction      | TC                | Correction of mislabeled waterbody type from Kona to Coastal.   |
|   |            | Wet/Dry Criteria | Correction      | TC                | Correction of mislabeled wet/dry criteria from NA to DRY.   |
|   |            | entero           |                 | NND, A2           | <b>Assign cat. 2;</b> The assessment of new data documents indicate that applicable WQS are being attained.     |
| Old Kona Airport St. Rec. Area          | HI256093   | entero           |                 | NND, A2           | <b>Assign cat. 2;</b> The assessment of new data documents indicate that applicable WQS are being attained.     |
| Onekahakaha Beach Co. Pk. (Puhi Bay #3) | HIW00029   | entero           |                 | NND, A2           | <b>Assign cat. 2;</b> The assessment of new data documents indicate that applicable WQS are being attained.     |
| Pine Trees                              | HI320616   | entero           |                 | NND, A2           | <b>Assign cat. 2;</b> The assessment of new data documents indicate that applicable WQS are being attained.     |
| Punalu'u                                | HI224651   | entero           |                 | NND, A2           | <b>Assign cat. 2;</b> The assessment of new data documents indicate that applicable WQS are being attained.     |
| Wailoa River (Boat Ramp)                | HIW00172   | Wet/Dry Criteria | Correction      | TC                | Correction of mislabeled wet/dry criteria from WET to NA.   |
|   |            | TN               | List Pollutant  | NND, NL           | <b>ASSIGN cat. 5;</b> The assessment of new data documents indicate that applicable WQS are not being attained. |
|   |            | NO3+NO2          | List Pollutant  | NND, NL           | <b>ASSIGN cat. 5;</b> The assessment of new data documents indicate that applicable WQS are not being attained. |
|   |            | TP               | List Pollutant  | NND, NL           | <b>ASSIGN cat. 5;</b> The assessment of new data documents indicate that applicable WQS are not being attained. |
|   |            | NH4              | List Pollutant  | NND, NL           | <b>ASSIGN cat. 5;</b> The assessment of new data documents indicate that applicable WQS are not being attained. |

| HAWAII                    |            |           |                 |                   |   |
|---------------------------|------------|-----------|-----------------|-------------------|---|
| Scope of Assessment       | Geocode ID | Pollutant | Decision Action | Summary Rationale | Reason for Changes  |
| Wawaloli Beach            | HI643938   | entero    |                 | NND, A2           | <b>Assign cat. 2;</b> The assessment of new data documents indicate that applicable WQS are being attained. |
| Whittington Beach Co. Pk. | HI720900   | entero    |                 | NND, A2           | <b>Assign cat. 2;</b> The assessment of new data documents indicate that applicable WQS are being attained. |

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**Chapter 2**  
**Inland Waters**

## **PART A. SCOPE OF WATERS**

This chapter of the 2012 Integrated Report covers all fresh waters of salinity less than 0.5 parts per thousand. Assessment units for the 2012 Integrated Report remain the same as the assessment units applied in the previous reports. Inland waters are partitioned according to the Hawaii Administrative Rules (HAR) §11-54 by type. Please see methodology section in Part B.1. for details regarding decision units for attainment decisions.

There were no new inland water data assessed for this 2012 Integrated Report. There were Total Maximum Daily Load (TMDL) updates for inland waters.

## **PART B. MONITORING AND ASSESSMENT**

### **B.1. Assessment Methodology**

#### **B.1.1. Basic Attainment Decision Unit**

As in previous Clean Water Act Section 303(d) listing cycles, the basic (Tier I) attainment decision unit (hereafter "ADU" or "decision unit") for fresh inland Hawaii waters of salinity <0.5 ppt is the entire network ("EN" in report tables) of hydrologically connected freshwater segments associated with a single listed stream, stream segment, or stream tributary. These freshwater segments, and thus the basic ADU, can include one or more waterbody types as defined by HAR §11-54, including, but not limited to intermittent streams, reservoirs, and wetlands (see Table 1).

#### **B.1.2. Tiered Approach**

A tiered approach, linked with the assessment decision criteria first adopted in the 2002 303(d) listing cycle, was used in past assessments to refine decision units for freshwater stream networks. Tier I ADUs are used for initial attainment decisions as governed by the current 303(d) listing criteria and for defining the geographic scope of "legacy" listings based on visual assessments. Tier II ADUs encompass segments and partial segments that can be more narrowly defined and assessed based on existing monitoring locations, data, and boundaries between waterbody types, and are used for attainment decisions on a case-by-case basis. Tier III ADUs are those established for TMDL development and other intensive monitoring and analysis purposes. Tier IV ADUs are part of Tier III decision units that can be defined based on the most detailed assessment information.

#### **B.1.3. Decision Unit Rationale and Implementation**

HIDOH's current focus on defining ADUs for streams is based on:

- (a) an assumption that streams are the most widespread and important fresh inland waterbody type to assess for reaching marine water quality goals;
- (b) the lack of numeric water quality standards criteria for conventional chemical and physical pollutants in most other fresh waterbody types;
- (c) the unavailability of a complete comprehensive waterbody inventory and present limitations for monitoring and assessing all waterbodies, water quality criteria, and use attainment within each waterbody type.

ADUs for fresh inland waterbodies do not include marine waters or inland brackish or saline waterbody types, such as estuaries and anchialine pools.

Decision unit boundaries for other fresh inland waterbody types are defined on a case-by-case basis when monitoring data and other assessment information is available, but generally encompass the entire waterbody.

#### **B.1.4. Decision Unit Delineation, Naming, Coding, and Geolocation**

Numerous conventions for naming, coding, and geolocating Hawaii waterbodies and decision unit boundaries discussed above have been designed and used over time. Building a comprehensive statewide waterbody inventory that standardizes these conventions for use by HDOH and others is an ongoing intergovernmental resource management task. Waterbody IDs for freshwater decision units are based on the Hawaii Stream Assessment (HSA) Coding System (Hawaii Cooperative Park Service Unit, 1990) with some modifications, as noted in the 2006 Integrated Report.

Geolocation of freshwater decision units is based upon various public domain digital coverages, HDOH field data (GPS coordinates, station description, field mapping, stream surveys, and stream assessments) and similar spatial location data submitted with third-party data packages.

#### **B.1.5. Application of Criteria to Attainment Decisions**

The 303(d) listings apply to the entire freshwater (salinity <0.5 ppt) portion of a stream system, including all hydrologically-connected reaches, unless a case is documented in which small decision units are justified. The same method also applies to other waterbody types.

We urge non-HDOH entities conducting similar monitoring, analysis, and planning activities to consult with HDOH about sampling designs and information management protocols that will facilitate HDOH's ability to use secondary data for attainment decisions. The entire hydrologic network within a watershed is the largest possible unit of decision for inland fresh waterbodies, and may include the boundaries of the following waterbody types as defined by HAR §11-54-1.

HDOH encourages monitoring, analysis, and planning activities that acknowledge and consider the regulatory boundaries between specific waterbody types and demonstrate a rationale for segmenting each waterbody into smaller decision units. The EPA's 2006 Integrated Report Guidance provides a summary of factors to consider in developing these rationales. Water quality criteria and decision unit boundaries for the various waterbody types are shown in Table 1.

**TABLE 5. Applicable Water Quality Criteria and Decision Unit Boundaries for Inland Fresh Waterbodies**

| Waterbody Type <sup>1</sup>         | Applicable Water Quality Criteria <sup>2</sup> | Decision unit boundary <sup>3</sup>        |
|-------------------------------------|--|--|
| Flowing seep                        | Basic/Recreational                             | Flowpath/Flow Surface                      |
| Flowing spring                      | Basic/Recreational                             | Flowpath/Flow Surface                      |
| Elevated wetland                    | Basic/Recreational/Wetland                     | 1978 Corps delineation <sup>4</sup>        |
| Low wetland                         | Basic/Recreational                             | 1978 Corps delineation <sup>4</sup>        |
| Intermittent stream                 | Basic/Recreational/Water Column/Bottom         | Entire network or sub-network <sup>5</sup> |
| Perennial stream                    | Basic/Recreational/Water Column/Bottom         | Entire network or sub-network <sup>5</sup> |
| Natural freshwater lake             | Basic/Recreational                             | Lake                                       |
| Freshwater impoundment <sup>6</sup> | Basic/Recreational                             | Impoundment                                |
| Reservoir                           | Basic/Recreational                             | Reservoir                                  |
| Ditch                               | Basic/Recreational                             | Ditch                                      |
| Flume                               | Basic/Recreational                             | Flume                                      |
| Drainage ditch <sup>7</sup>         | Basic/Recreational                             | Drainage ditch                             |
| Canal <sup>7</sup>                  | Basic/Recreational                             | Canal                                      |

<sup>1</sup>Inland freshwater (salinity <0.5 ppt) waterbody types as defined by HAR §11-54-1. These definitions are applied to the definition of decision units.

<sup>2</sup>Basic criteria (Narrative "free of" and numeric standards for toxic pollutants) established by HAR §11-54-4; Specific (numeric) criteria for inland recreational waters established by HAR §11-54-8(a); Specific (numeric) criteria for stream water column established by HAR §11-54-5.2(b); Specific (numeric) criteria for stream bottom established by HAR §11-54-5.2(b)(2); Specific (numeric) criteria for elevated wetlands established by HAR §11-54-5.2(c).

<sup>3</sup>HAR §11-54-5.1(a) establishes a system of waterbody classification (waterbody class is defined by underlying land use classification) and associated designated uses.

<sup>4</sup>HAR §11-54-1: "...the identification and delineation of wetland boundaries shall be done following the procedures described in the U.S. Army Corps of Engineers Wetland Delineation Manual (USACE 1987)."

<sup>5</sup>According to HAR §11-54-1 "'Stream systems', means the aggregate of water features comprising or associated with a stream, including the stream itself and its tributaries, headwaters, ponds, wetlands, and estuary. A stream system is geographically delimited by the boundaries of its drainage basin or watershed." For stream attainment decision purposes, "associated" is interpreted as "hydrologically connected" and estuaries, ditches, flumes, drainage ditches, and canals are not included in the assessment.

<sup>6</sup>This waterbody type is not defined by rule but is included in the definition of "Standing waters".

<sup>7</sup>This waterbody type is not defined by rule but is included in the definition of "State waters".

### **B.1.6. Methodology for Attainment Decisions**

While there are no changes from the 2008/2010 List of impaired waters, it is important to provide both documentation and consistency when making listing decisions. Use of standardized criteria will enable HDOH to periodically collect and assess datasets for use in waterbody assessments. Photos are required for inland waters to ensure location information is correct. Since many places in Hawaii have similar names, photos help to identify the exact location of the sampling event.

Please note that the same information requirements apply to delisting as well as listing decisions. Datasets and supporting documentation are evaluated against both numeric and narrative criteria

where applicable. Listings for inland waters generally apply to the entire freshwater (salinity <0.5 ppt) portion of a stream system unless a case is documented in which the watershed approach is not applicable.

State Water Quality Standards (WQS) set in HAR §11-54 for conventional pollutants, such as nutrients and sediments, are expressed in a statistical format that presents criteria in the form of geometric means not to be exceeded by the geometric mean values computed from datasets. Two storm event allowances are included through the 10% and 2% geometric means not to be exceeded by more than 10% and 2% of the sample values, respectively. The WQS are further divided into "wet" and "dry" criteria, which, for inland waterbodies, refer to the "wet" season as November through April, and "dry" season as May through October. For embayments and coastal waters, these terms refer to the amount of freshwater discharge per shoreline mile.

For statistical significance, "10% of the time" criteria will be evaluated with a minimum sample size of 100 samples, allowing for 10+ samples to exceed the 10% threshold. The "2% of the time" criteria will be evaluated with a minimum sample size of 500 samples, allowing for 10+ samples to exceed the 2% threshold.

In accordance with priority ranking and listing/delisting criteria, waterbodies are sorted into one of three priority categories. Priority 1 waters have sufficient data to clearly support a listing/delisting decision based on separate wet and/or dry conditions. Priority 2 waters have limited data, which requires HDOH to use a weight-of-evidence approach. Priority 3 waters have extremely limited data and require future monitoring before a listing decision can be made. For conventional pollutants, a minimum of ten samples from the wet season and ten samples from the dry season are required for Priority 1. A minimum of ten samples from a combined grouping of wet and dry conditions are required for Priority 2a, and five to nine samples for Priority 2b. Any fewer than five samples results in the assignment of the waterbody and its numeric data into Priority 3.

For toxic pollutants, such as pesticides and heavy metals, which often require expensive analyses, a minimum sample size of three is required for eligibility for Priority 1. Toxic pollutants for freshwaters are characterized by acute and chronic concentration criteria and fish consumption criteria.

Enterococci are the indicator bacteria now used in freshwaters to evaluate waters for public health risks. Enterococci counts are evaluated using data within a 25 to 30 day temporal increment, and compared to applicable geometric mean.

Biological surveys of aquatic communities, fish consumption advisories, and reports of contaminated sediments are also eligible sources of listing information. These surveys are most likely to be placed in Priority 3. Datasets for evaluation of narrative criteria must include at least three sampling events and represent conditions in both wet and dry seasons. These narrative criteria may be evaluated using HDOH-approved habitat or biological assessment methodologies as long as they can be directly correlated to specific narrative criteria in HAR §11-54-04. Also, in accordance with HAR §11-54-04(b)(2)(A), acute toxicity standards for the contamination of sediment may be evaluated using broadly accepted standards such as those

developed in Canada and New York, provided that HDOH deems them appropriate for use in the Hawaiian environment (CCME 1999; NYSDEC 1999).

#### **B.1.7. Data Sources Reviewed**

There were no new data reviewed for the 2012 cycle.

#### **B.1.8. Quality Assurance/Quality Control Considerations**

Quality Assurance/Quality Control (QA/QC) procedures document data quality by describing data collection and analysis procedures. HDOH's Clean Water Branch and Laboratory operate under the terms of the "Quality Management Plan for Surface Water Quality Monitoring" approved by EPA Region IX (December 9, 1999).

Other data submitted from sources outside the HDOH will be evaluated against the Quality Assurance Project Plan (QAPP).

### **B.2. Assessment Results**

#### **B.2.1. Review of Data**

There were no new data reviewed for the 2012 cycle.

#### **B.2.2. Hawaii's 2012 303(d) List**

The 2012 303(d) List contains the waterbodies that were in the 2006 List of Impaired Waterbodies. There are no newly listed streams in the current list. Complete assessment decisions are found in Chapter 3. Waterbodies are prioritized as High, Medium, or Low for Total Maximum Daily Load (TMDL) development. High, medium, or low priorities were assigned to each waterbody based on the number of parameters listed and the severity of exceedances.

TMDLs have been established and approved for watersheds on Oahu. TMDLs for nutrient listed streams on Oahu include Kaneohe Stream (approved 2010), Kamoalii Stream (approved 2010), and the North and South Forks of Kaukonahua Stream (approved 2010). Approved TMDLs are reflected in Chapter 3.

### **B.3. Wetlands Program**

Responsibilities for wetland protection are diffused among various federal, state, and county authorities. There is no formal wetland program in HDOH.

### **B.4. Public Health Issues**

#### Leptospirosis Threat

Leptospirosis is not included as a specific water quality standard parameter. However, all freshwaters within the state are considered potential sources of Leptospirosis infection by the epidemiology section of the HDOH. No direct tests have been approved or utilized to ascertain

the extent of the public health threat through water sampling. Epidemiologic evidence has linked several illness outbreaks to contact with freshwater, leading authorities to issue blanket advisories for all fresh waters of the state.

#### Fish Consumption Advisory

Several locations have been identified and posted as areas where fish and shellfish should not be consumed. These areas include: Pearl Harbor, Ala Wai Canal, and urban streams of Honolulu. Contamination of fish and shellfish include organochlorine pesticides and/or PCBs and lead.

## **CHAPTER 2: LIST OF REFERENCES**

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## Chapter 3

### 2012 Waterbody Assessment Decisions [Integrated 303(d) List/305(b) Report for Hawaii]

- New 303(d) listings are shaded, **bold** and *italicized* in the table, as are any changes for previously listed waters.
- **Stream codes:** EN = Entire Network, EE = Entire Estuary, ER = Entire Reservoir, EW = Entire Wetland, EL = Entire Lake.
- **Marine Codes:** B = Bay (as specified within HAR §11-54-6), C = Open Coastal (fronting areas within 1000' and 100 fathoms of specified area), O = Oceanic (area beyond open coastal), E = Estuary, K = Kona (all marine waters of Hawaii Island from Loa Point, South Kona District, clockwise to Malae Point, North Kona District, excluding Kawaihae Harbor and Honokohau Harbor, and for all areas from the shoreline at mean lower low water to a distance 1000m seaward (see HAR 11-54-6)), P = Pearl Harbor; \* = Listings from previous reporting cycles which, at that time, were then listed as separate entities from similar named sampling stations, convention continued for this cycle.
- **Decision Codes:** ? = unknown, N = not attained, A = attained, Ac = attained (with combined season data), Nc = not attained (with combined season data), N1 = not attained (by 2 times the standard), N1c = not attained (by combined data, 2 times the standard), V = visual listing from 2001-2004, Y = previous listing from 1998 or earlier, T = TMDL approved for parameter.
- **Parameter Codes:** Total N = total nitrogen; NO<sub>3</sub>+NO<sub>2</sub> = nitrate+nitrite nitrogen; Total P = total phosphorus; TURB = turbidity; TSS = total suspended solids; chl-a = chlorophyll a; NH<sub>4</sub> = ammonium nitrogen; PO<sub>4</sub> = phosphate.
- **Category:** 1 = All uses attained, 2 = Data show some uses attained, 3 = Not enough data to evaluate, 4 = Data show at least one use not attained, but no TMDL needed, 4a = TMDL approved, 5 = Data show at least one use not attained, TMDL needed.
- **TMDL Priority Codes:** High (H), Medium (M), and Low (L) priority for initiating TMDL development within the current monitoring and assessment cycle (through October 31, 2011), based on current and projected resource availability for completing the TMDL development process. IP = TMDL development in progress.
- For this report, assessed water bodies were sorted by island (north to south), then into the streams category (salinity below 0.5 ppt) or the marine (coastal) category (salinity above 0.5 ppt).

**KAUAI Stream Waters**

| Assessed Waterbody | Waterbody Type | Scope of Assessment | Geocode ID | Season | enterococci | Total N | NO3+NO2 | Total P | TURB | TSS | Other Pollutants | Category | TMDL Priority                          |
|--------------------|----------------|---------------------|------------|--------|-------------|---------|---------|---------|------|-----|------------------|----------|--|
| Aakukui            | Stream         | EN                  | 2-4-02     |        | ?           | ?       | ?       | ?       | ?    | ?   |                  | 3        |  |
| Aliomanu           | Stream         | EN                  | 2-1-36     |        | ?           | ?       | ?       | ?       | ?    | ?   |                  | 3        |  |
| Anahola            | Stream         | EN                  | 2-2-01     | Dry    | ?           | Ac      | A       | A       | N    | A   |                  | 2,3,5    | L                                      |
| Anahola            | Stream         | EN                  | 2-2-01     | Wet    | ?           | Ac      | Ac      | Ac      | N    | Ac  |                  | 2,3,5    | L                                      |
| Hanakapiai         | Stream         | EN                  | 2-1-10     |        | ?           | ?       | ?       | ?       | ?    | ?   |                  | 3        |  |
| Hanalei            | Stream         | EN                  | 2-1-19     | Dry    | T           | A       | A       | A       | T    | A   |                  | 2,4a     | TMDLs approved 2008 (Turb, & bacteria) |
| Hanalei            | Stream         | EN                  | 2-1-19     | Wet    | T           | A       | A       | A       | A    | A   |                  | 2,4a     | TMDLs approved 2008 (bacteria)         |
| Hanamaulu          | Stream         | EN                  | 2-2-12     | Dry    | ?           | ?       | ?       | ?       | N    | ?   |                  | 3,5      | L                                      |
| Hanamaulu          | Stream         | EN                  | 2-2-12     | Wet    | ?           | ?       | ?       | ?       | N    | ?   |                  | 3,5      | L                                      |
| Hanapepe           | Stream         | EN                  | 2-3-07     | Dry    | ?           | A       | A       | A       | N    | A   |                  | 2,3,5    | L                                      |
| Hanapepe           | Stream         | EN                  | 2-3-07     | Wet    | ?           | Ac      | Ac      | Ac      | V    | Ac  |                  | 2,3,5    | L                                      |
| Huleia             | Stream         | EN                  | 2-2-15     | Dry    | T           | T       | T       | T       | T    | T   |                  | 4a       | TMDLs approved 2008                    |
| Huleia             | Stream         | EN                  | 2-2-15     | Wet    | T           | T       | T       | T       | T    | T   |                  | 4a       | TMDLs approved 2008                    |
| Kalihiwai          | Stream         | EN                  | 2-1-25     |        | ?           | ?       | ?       | ?       | ?    | ?   |                  | 3        |  |
| Kapaa              | Stream         | EN                  | 2-2-04     | Dry    | ?           | A       | A       | A       | N    | A   |                  | 2,3,5    | L                                      |
| Kapaa              | Stream         | EN                  | 2-2-04     | Wet    | ?           | A       | A       | A       | N    | A   |                  | 2,3,5    | L                                      |
| Kilauea            | Stream         | EN                  | 2-1-28     | Dry    | ?           | A       | A       | A       | N    | A   |                  | 2,3,5    | L                                      |
| Kilauea            | Stream         | EN                  | 2-1-28     | Wet    | ?           | Ac      | Ac      | Ac      | N    | Ac  |                  | 2,3,5    | L                                      |
| Kipu               | Stream         | EN                  | 2-3-01     |        | ?           | ?       | ?       | ?       | ?    | ?   |                  | 3        |  |

**KAUAI Stream Waters**

| Assessed Waterbody | Waterbody Type | Scope of Assessment | Geocode ID      | Season | enterococci | Total N | NO3+NO2 | Total P | TURB | TSS | Other Pollutants | Category | TMDL Priority       |
|--------------------|----------------|---------------------|-----------------|--------|-------------|---------|---------|---------|------|-----|------------------|----------|---------------------|
| Lawai              | Stream         | EN                  | 2-3-04          | Dry    | ?           | N       | N       | A       | N    | A   |                  | 2,3,5    | L                   |
| Lawai              | Stream         | EN                  | 2-3-04          | Wet    | ?           | Ac      | Ac      | Ac      | N    | Ac  |                  | 2,3,5    | L                   |
| Limahuli           | Stream         | EN                  | 2-1-12          | Dry    | ?           | A       | N       | A       | ?    | A   |                  | 2,3,5    | L                   |
| Limahuli           | Stream         | EN                  | 2-1-12          | Wet    | ?           | ?       | ?       | ?       | Ac   | ?   |                  | 2,3      |                     |
| Lumahai            | Stream         | EN                  | 2-1-15          |        | ?           | ?       | ?       | ?       | ?    | ?   |                  | 3        |                     |
| Mahinauli          | Stream         | EN                  | 2-4-01          |        | ?           | ?       | ?       | ?       | ?    | ?   |                  | 3        |                     |
| Manoa              | Stream         | EN                  | 2-1-13          | Dry    | ?           | Ac      | Ac      | Ac      | N1   | Ac  |                  | 2,3,5    | L                   |
| Manoa              | Stream         | EN                  | 2-1-13          | Wet    | ?           | Ac      | Ac      | Ac      | Nc   | Ac  |                  | 2,3,5    | L                   |
| Moloaa             | Stream         | EN                  | 2-1-34          | Dry    | ?           | A       | A       | A       | N    | A   |                  | 2,3,5    | L                   |
| Moloaa             | Stream         | EN                  | 2-1-34          | Wet    | ?           | ?       | ?       | ?       | N    | ?   |                  | 3,5      | L                   |
| Nawiliwili         | Stream         | EN                  | 2-2-13          | Dry    | T           | T       | T       | T       | T    | T   |                  | 4a       | TMDLs approved 2008 |
| Nawiliwili         | Stream         | EN                  | 2-2-13          | Wet    | T           | T       | T       | T       | T    | T   |                  | 4a       | TMDLs approved 2008 |
| Papaa              | Stream         | EN                  | 2-1-35          | Dry    | ?           | N1      | N1      | Ac      | N1   | Ac  |                  | 2,3,5    | L                   |
| Papaa              | Stream         | EN                  | 2-1-35          | Wet    | ?           | ?       | ?       | ?       | ?    | ?   |                  | 3        |                     |
| Puali              | Stream         | EN                  | 2-2-14          | Dry    | T           | T       | T       | T       | T    | T   |                  | 4a       | TMDLs approved 2008 |
| Puali              | Stream         | EN                  | 2-2-14          | Wet    | T           | T       | T       | T       | T    | T   |                  | 4a       | TMDLs approved 2008 |
| Uhelekawawa        | Stream         | EN                  | 2-2-Uhelekawawa |        | ?           | ?       | ?       | ?       | V    | ?   |                  | 3,5      | L                   |
| Wahiawa            | Stream         | EN                  | 2-3-06          | Dry    | ?           | N1      | N1      | A       | N1   | A   |                  | 2,3,5    | L                   |
| Wahiawa            | Stream         | EN                  | 2-3-06          | Wet    | ?           | Nc      | Nc      | Ac      | Nc   | Ac  |                  | 2,3,5    | L                   |
| Waikomo            | Stream         | EN                  | 2-3-02          | Dry    | ?           | Nc      | N1      | Ac      | N1   | Ac  |                  | 2,3,5    | L                   |

**KAUAI Stream Waters**

| <b>Assessed Waterbody</b> | <b>Waterbody Type</b> | <b>Scope of Assessment</b> | <b>Geocode ID</b> | <b>Season</b> | <b>enterococci</b> | <b>Total N</b> | <b>NO3+NO2</b> | <b>Total P</b> | <b>TURB</b> | <b>TSS</b> | <b>Other Pollutants</b> | <b>Category</b> | <b>TMDL Priority</b>      |
|---------------------------|-----------------------|----------------------------|-------------------|---------------|--------------------|----------------|----------------|----------------|-------------|------------|-------------------------|-----------------|---------------------------|
| Waikomo                   | Stream                | EN                         | 2-3-02            | Wet           | ?                  | Nc             | Nc             | Ac             | Nc          | Ac         |                         | 2,3,5           | L                         |
| Wailua                    | Stream                | EN                         | 2-2-08            | Dry           | ?                  | Ac             | Ac             | Ac             | N           | Ac         |                         | 2,3,5           | L                         |
| Wailua                    | Stream                | EN                         | 2-2-08            | Wet           | ?                  | ?              | ?              | ?              | ?           | ?          |                         | 3               |                           |
| Waimea                    | Stream                | EN                         | 2-4-04            | Dry           | ?                  | A              | A              | N              | N           | A          |                         | 2,3,5           | L                         |
| Waimea                    | Stream                | EN                         | 2-4-04            | Wet           | ?                  | Ac             | Ac             | Ac             | V           | Ac         |                         | 2,3,5           | L                         |
| Waimea                    | Estuary               | EE                         | 2-4-04-E          |               | ?                  | ?              | ?              | ?              | V           | ?          |                         | 3,5             | L                         |
| Wainiha                   | Stream                | EN                         | 2-1-14            | Dry           | ?                  | Ac             | Ac             | Ac             | Ac          | Ac         |                         | 2,3             |                           |
| Wainiha                   | Stream                | EN                         | 2-1-14            | Wet           | ?                  | Ac             | Ac             | Ac             | Ac          | Ac         |                         | 2,3             |                           |
| Waioli                    | Stream                | EN                         | 2-1-18            | Dry           | ?                  | A              | A              | A              | A           | A          |                         | 2,3             |                           |
| Waioli                    | Stream                | EN                         | 2-1-18            | Wet           | ?                  | ?              | ?              | ?              | ?           | ?          |                         | 3               |                           |
| Waipa                     | Stream                | EN                         | 2-1-17            | Dry           | ?                  | A              | A              | A              | T           | A          |                         | 2,3,4a          | TMDL approved 2008 (Turb) |
| Waipa                     | Stream                | EN                         | 2-1-17            | Wet           | ?                  | ?              | ?              | ?              | ?           | ?          |                         | 3               |                           |

**KAUAI Marine Waters**

| <b>Waterbody Type</b> | <b>Scope of Assessment</b>       | <b>Geocode ID</b> | <b>Wet/Dry Criteria</b> | <b>enterococci</b> | <b>Total N</b> | <b>NO3+NO2</b> | <b>Total P</b> | <b>TURB</b> | <b>chl-a</b> | <b>NH4</b> | <b>Other Pollutants</b> | <b>Category</b> | <b>TMDL Priority</b>                    |
|-----------------------|----------------------------------|-------------------|-------------------------|--------------------|----------------|----------------|----------------|-------------|--------------|------------|-------------------------|-----------------|---|
| C                     | Aliomanu Beach                   | HI710019          | wet                     | ?                  | ?              | ?              | ?              | ?           | ?            | ?          |                         | 3               |   |
| C                     | Anahola Beach                    | HI823433          | wet                     | A                  | ?              | ?              | ?              | ?           | ?            | ?          |                         | 2,3             |   |
| C                     | Anahola Beach                    | HI270737          | wet                     | ?                  | ?              | ?              | ?              | ?           | ?            | ?          |                         | 3               |   |
| C                     | Anini Beach                      | HI338804          | wet                     | ?                  | ?              | ?              | ?              | ?           | ?            | ?          |                         | 3               |   |
| C                     | Anini Beach Park                 | HI418744          | wet                     | A                  | ?              | ?              | ?              | N           | ?            | ?          |                         | 2,3,5           | L                                       |
| C                     | Beach House Beach                | HI156238          | dry                     | A                  | ?              | ?              | ?              | ?           | ?            | ?          |                         | 2,3             |   |
| <b>E</b>              | <b>Black Pot Beach Park</b>      | <b>HI891354</b>   | <b>na</b>               | <b>?</b>           | <b>?</b>       | <b>?</b>       | <b>?</b>       | <b>?</b>    | <b>?</b>     | <b>?</b>   |                         | <b>3</b>        |   |
| C                     | Brennecke Beach                  | HI166521          | dry                     | A                  | ?              | ?              | ?              | ?           | ?            | ?          |                         | 2,3             |   |
| C                     | Donkey Park                      | HI853903          | wet                     | ?                  | ?              | ?              | ?              | ?           | ?            | ?          |                         | 3               |   |
| C                     | Gillin's Beach                   | HI976083          | dry                     | ?                  | ?              | ?              | ?              | ?           | ?            | ?          |                         | 3               |   |
| C                     | Glass Beach                      | HI949505          | wet                     | ?                  | ?              | ?              | ?              | ?           | ?            | ?          |                         | 3               |   |
| C                     | Haena Beach Park                 | HI554189          | wet                     | A                  | ?              | ?              | ?              | N           | ?            | ?          |                         | 2,3,5           | L                                       |
| C                     | Hanakapi'ai Beach                | HI797414          | wet                     | ?                  | ?              | ?              | ?              | ?           | ?            | ?          |                         | 3               |   |
| B                     | Hanalei Bay (Landing)            | HIW00093          | wet                     | N                  | ?              | ?              | ?              | N           | ?            | ?          |                         | 3,5             | H (IP)                                  |
| B                     | Hanalei Bay (Pavilion)           | HIW00092          | wet                     | A                  | ?              | ?              | ?              | N           | ?            | ?          |                         | 2,3,5           | H                                       |
| B                     | Hanalei Bay (Waioli Beach)       | HIW00091          | wet                     | A                  | ?              | ?              | ?              | N           | ?            | ?          |                         | 2,3,5           | H                                       |
| B                     | Hanalei Bay Mooring station*     | HIW00157          | wet                     | N                  | ?              | ?              | ?              | ?           | ?            | ?          |                         | 3,5             | H                                       |
| E                     | Hanalei Bay upstream of Dolphin* | HIW00160          | <b>na</b>               | ?                  | ?              | ?              | ?              | N           | ?            | ?          |                         | 3,5             | H (IP)                                  |
| E                     | Hanalei River                    | HI385259          | <b>na</b>               | N                  | ?              | ?              | ?              | T           | ?            | ?          |                         | 3,4a,5          | M (bacteria & Turb TMDLs approved 2008) |
| B                     | Hanama'ulu Bay                   | HIW00063          | wet                     | ?                  | ?              | ?              | ?              | N           | ?            | ?          |                         | 3,5             | L                                       |
| B                     | Hanama'ulu Bay (Beach)           | HIW00094          | wet                     | N                  | ?              | ?              | ?              | ?           | ?            | ?          |                         | 3,5             | L                                       |
| B                     | Hanapepe Bay                     | HIW00095          | wet                     | ?                  | ?              | ?              | ?              | ?           | ?            | ?          |                         | 3               |   |

**KAUAI Marine Waters**

| <b>Waterbody Type</b> | <b>Scope of Assessment</b>   | <b>Geocode ID</b> | <b>Wet/Dry Criteria</b> | <b>enterococci</b> | <b>Total N</b> | <b>NO3+NO2</b> | <b>Total P</b> | <b>TURB</b> | <b>chl-a</b> | <b>NH4</b> | <b>Other Pollutants</b> | <b>Category</b> | <b>TMDL Priority</b> |
|-----------------------|--|-------------------|-------------------------|--------------------|----------------|----------------|----------------|-------------|--------------|------------|-------------------------|-----------------|----------------------|
| B                     | Hanapepe Bay- from breakwater to shore and nearshore waters to 30' from Puolo Point to Paakehi Point | HIW00048          | wet                     | ?                  | Y              | Y              | Y              | ?           | ?            | ?          | nutrients               | 3,5             | L                    |
| C                     | Haula Beach  | HI277808          | dry                     | ?                  | ?              | ?              | ?              | ?           | ?            | ?          |                         | 3               |                      |
| C                     | Kahili Beach   | HI533519          | wet                     | ?                  | ?              | ?              | ?              | ?           | ?            | ?          |                         | 3               |                      |
| C                     | Kalalau Beach  | HI908803          | wet                     | ?                  | ?              | ?              | ?              | ?           | ?            | ?          |                         | 3               |                      |
| C                     | Kalihiwai Bay  | HI264001          | wet                     | N                  | ?              | ?              | ?              | ?           | ?            | ?          |                         | 3,5             | L                    |
| C                     | Kapa'a Beach Co. Park  | HI972832          | wet                     | A                  | ?              | ?              | ?              | ?           | ?            | ?          |                         | 2,3             |                      |
| C                     | Kauapea Beach (Secret Beach)   | HI669328          | wet                     | ?                  | ?              | ?              | ?              | ?           | ?            | ?          |                         | 3               |                      |
| C                     | Kawailoa Beach   | HI698776          | dry                     | ?                  | ?              | ?              | ?              | ?           | ?            | ?          |                         | 3               |                      |
| C                     | Kealia   | HI402035          | wet                     | <b>A</b>           | ?              | ?              | ?              | ?           | ?            | ?          |                         | <b>2,3</b>      |                      |
| C                     | Kee Beach  | HI124511          | wet                     | A                  | ?              | ?              | ?              | A           | ?            | ?          |                         | 2,3             |                      |
| C                     | Kekaha Beach Co. Pk.   | HI530569          | dry                     | A                  | ?              | ?              | ?              | ?           | ?            | ?          |                         | 2,3             |                      |
| C                     | Kepuhi Beach   | HI344813          | wet                     | ?                  | ?              | ?              | ?              | ?           | ?            | ?          |                         | 3               |                      |
| <b>B</b>              | <b>Kikiaola Beach</b>  | <b>HI119207</b>   | <b>dry</b>              | <b>?</b>           | <b>?</b>       | <b>?</b>       | <b>?</b>       | <b>?</b>    | <b>?</b>     | <b>?</b>   |                         | <b>3</b>        |                      |
| B                     | Kikiaola Boat Harbor   | HIW00112          | dry                     | ?                  | ?              | ?              | ?              | ?           | ?            | ?          |                         | 3               |                      |
| C                     | Kilauea Pt. Nat. Wildlife Ref.   | HI471488          | wet                     | ?                  | ?              | ?              | ?              | ?           | ?            | ?          |                         | 3               |                      |
| C                     | Kipu Kai   | HI266627          | wet                     | ?                  | ?              | ?              | ?              | ?           | ?            | ?          |                         | 3               |                      |
| C                     | Koloa Landing  | HI955435          | dry                     | N                  | ?              | ?              | ?              | ?           | ?            | ?          |                         | 3,5             | L                    |
| B                     | Kukuiula Bay   | HIW00113          | dry                     | ?                  | ?              | ?              | ?              | ?           | ?            | ?          |                         | 3               |                      |
| <b>B</b>              | <b>Kukui'ula Bay</b>   | <b>HI619039</b>   | <b>dry</b>              | <b>?</b>           | <b>?</b>       | <b>?</b>       | <b>?</b>       | <b>?</b>    | <b>?</b>     | <b>?</b>   |                         | <b>3</b>        |                      |
| C                     | Larsens Beach  | HI860960          | wet                     | ?                  | ?              | ?              | ?              | ?           | ?            | ?          |                         | 3               |                      |
| C                     | Lawa'i Kai   | HI434882          | wet                     | ?                  | ?              | ?              | ?              | ?           | ?            | ?          |                         | 3               |                      |
| C                     | Lumaha'i Beach   | HI889639          | wet                     | <b>N</b>           | ?              | ?              | ?              | ?           | ?            | ?          |                         | <b>3,5</b>      | <b>L</b>             |
| C                     | Lydgate Park   | HI798758          | wet                     | <b>A</b>           | ?              | ?              | ?              | ?           | ?            | ?          |                         | <b>2,3</b>      |                      |
| C                     | Maha'ulepu Beach   | HI533799          | dry                     | ?                  | ?              | ?              | ?              | ?           | ?            | ?          |                         | 3               |                      |

**KAUAI Marine Waters**

| <b>Waterbody Type</b> | <b>Scope of Assessment</b>               | <b>Geocode ID</b> | <b>Wet/Dry Criteria</b> | <b>enterococci</b> | <b>Total N</b> | <b>NO3+NO2</b> | <b>Total P</b> | <b>TURB</b> | <b>chl-a</b> | <b>NH4</b> | <b>Other Pollutants</b> | <b>Category</b> | <b>TMDL Priority</b> |
|-----------------------|--|-------------------|-------------------------|--------------------|----------------|----------------|----------------|-------------|--------------|------------|-------------------------|-----------------|----------------------|
| <b>C</b>              | <b>Mana Point</b>                        | <b>HIW00184</b>   | <b>dry</b>              | <b>?</b>           | <b>A</b>       | <b>A</b>       | <b>A</b>       | <b>A</b>    | <b>A</b>     | <b>A</b>   |                         | <b>2,3</b>      |                      |
| C                     | Miloli'i                                 | HI333210          | dry                     | ?                  | ?              | ?              | ?              | ?           | ?            | ?          |                         | 3               |                      |
| C                     | Moloa'a Bay                              | HI547745          | wet                     | ?                  | ?              | ?              | ?              | ?           | ?            | ?          |                         | 3               |                      |
| C                     | Na Pali Coast State Park                 | HI709808          | wet                     | ?                  | ?              | ?              | ?              | ?           | ?            | ?          |                         | 3               |                      |
| B                     | Nawiliwili Bay (Kalapaki Beach)          | HIW00114          | dry                     | N                  | A              | N              | A              | ?           | N            | N          |                         | 2,3,5           | M                    |
| B                     | Nawiliwili Bay (Nawiliwili Harbor)       | HIW00115          | dry                     | A                  | A              | N              | A              | ?           | N            | N          |                         | 2,3,5           | M                    |
| B                     | Nawiliwili Bay (Offshore)                | HIW00116          | wet                     | ?                  | ?              | N              | ?              | N           | N            | N          |                         | 3,5             | M                    |
| B                     | Nawiliwili Bay- from breakwater to shore | HIW00059          | dry                     | ?                  | Y              | Y              | Y              | Y           | ?            | ?          | nutrients               | 3,5             | M                    |
| C                     | Nu'alolo                                 | HI945520          | wet                     | ?                  | ?              | ?              | ?              | ?           | ?            | ?          |                         | 3               |                      |
| C                     | Nukolii Beach Park                       | HI502794          | wet                     | A                  | ?              | ?              | ?              | ?           | ?            | ?          |                         | 2,3             |                      |
| C                     | Pacific Missile Range Facility           | HI176480          | dry                     | A                  | ?              | ?              | ?              | ?           | ?            | ?          |                         | 2,3             |                      |
| C                     | Pakala (Makaweli)                        | HI468251          | wet                     | ?                  | ?              | ?              | ?              | ?           | ?            | ?          |                         | 3               |                      |
| C                     | Palama Beach (Nomilu)                    | HI665178          | wet                     | ?                  | ?              | ?              | ?              | ?           | ?            | ?          |                         | 3               |                      |
| C                     | Papa'a Bay                               | HI130639          | wet                     | ?                  | ?              | ?              | ?              | ?           | ?            | ?          |                         | 3               |                      |
| C                     | Pila'a Beach                             | HI363048          | wet                     | ?                  | ?              | ?              | ?              | ?           | ?            | ?          |                         | 3               |                      |
| C                     | Po'ipu Beach Co. Park                    | HI396850          | dry                     | A                  | ?              | ?              | ?              | ?           | ?            | ?          |                         | 2,3             |                      |
| C                     | Poli Hale State Park                     | HI247403          | dry                     | A                  | ?              | ?              | ?              | ?           | ?            | ?          |                         | 2,3             |                      |
| <b>C</b>              | <b>Port Allen</b>                        | <b>HIW00185</b>   | <b>wet</b>              | <b>?</b>           | <b>A</b>       | <b>A</b>       | <b>A</b>       | <b>?</b>    | <b>A</b>     | <b>A</b>   |                         | <b>2,3</b>      |                      |
| B                     | Port Allen Boat Harbor                   | HIW00120          | wet                     | ?                  | ?              | ?              | ?              | ?           | ?            | ?          |                         | 3               |                      |
| B                     | Port Allen Boat Harbor (Port Allen Pier) | HIW00026          | wet                     | ?                  | A              | N              | A              | N           | A            | N          |                         | 2,3,5           | L                    |
| C                     | Prince Kuhio Park                        | HI742228          | dry                     | ?                  | ?              | ?              | ?              | ?           | ?            | ?          |                         | 3               |                      |
| C                     | Princeville                              | HI520271          | wet                     | ?                  | ?              | ?              | ?              | ?           | ?            | ?          |                         | 3               |                      |
| C                     | Salt Pond Beach Co. Park                 | HI701008          | wet                     | A                  | A              | N              | A              | ?           | N            | N          |                         | 2,3,5           | L                    |
| C                     | Sheraton Beach                           | HI542569          | dry                     | A                  | ?              | ?              | ?              | ?           | ?            | ?          |                         | 2,3             |                      |
| C                     | Shipwreck Beach                          | HI358435          | dry                     | A                  | ?              | ?              | ?              | ?           | ?            | ?          |                         | 2,3             |                      |
| C                     | Spouting Horn Beach Co. Park             | HI951651          | dry                     | ?                  | ?              | ?              | ?              | ?           | ?            | ?          |                         | 3               |                      |

**KAUAI Marine Waters**

| Waterbody Type | Scope of Assessment  | Geocode ID      | Wet/Dry Criteria | enterococci | Total N  | NO3+NO2  | Total P  | TURB     | chl-a    | NH4      | Other Pollutants | Category   | TMDL Priority             |
|----------------|--|-----------------|------------------|-------------|----------|----------|----------|----------|----------|----------|------------------|------------|---------------------------|
| C              | Tunnels Beach  | HI936087        | wet              | ?           | ?        | ?        | ?        | ?        | ?        | ?        |                  | 3          |                           |
| C              | Wahiawa Bay  | HIW00121        | wet              | ?           | ?        | ?        | ?        | ?        | ?        | ?        |                  | 3          |                           |
| <b>B</b>       | <b>Wahiawa Bay</b>   | <b>HI179708</b> | <b>wet</b>       | <b>?</b>    | <b>?</b> | <b>?</b> | <b>?</b> | <b>?</b> | <b>?</b> | <b>?</b> |                  | <b>3</b>   |                           |
| C              | Waiakalua Iki Beach  | HI505816        | wet              | ?           | ?        | ?        | ?        | ?        | ?        | ?        |                  | 3          |                           |
| C              | Waiakalua Nui Beach  | HI371632        | wet              | ?           | ?        | ?        | ?        | ?        | ?        | ?        |                  | 3          |                           |
| <b>B</b>       | <b>Waikoko Bay</b>   | <b>HI330114</b> | <b>wet</b>       | <b>?</b>    | <b>?</b> | <b>?</b> | <b>?</b> | <b>?</b> | <b>?</b> | <b>?</b> |                  | <b>3</b>   |                           |
| E              | Waikoko Estuary  | HIW00162        | <b>na</b>        | ?           | ?        | ?        | ?        | T        | ?        | ?        |                  | 3,4a       | TMDL approved 2008 (Turb) |
| <b>C</b>       | Wailua (Wailua River Station)  | HI606168        | wet              | <b>A</b>    | ?        | ?        | ?        | ?        | ?        | ?        |                  | <b>2,3</b> |                           |
| C              | Waimea Bay Beach (Near River station)  | HI862821        | <b>dry</b>       | N           | ?        | ?        | ?        | ?        | ?        | ?        |                  | 3,5        | L                         |
| C              | Waimea Bay Beach- nearshore waters to 18' from Kekaha Oomano Pt. - 1.5 miles SE of Mahinaui Stream | HIW00057        | <b>dry</b>       | ?           | ?        | ?        | ?        | Y        | ?        | ?        | susp. solids     | 3,5        | L                         |
| C              | Waimea Rec. Pier St. Pk.   | HI245235        | dry              | <b>N</b>    | ?        | ?        | ?        | ?        | ?        | ?        |                  | <b>3,5</b> | <b>L</b>                  |
| C              | Wainiha Bay  | HI417823        | wet              | ?           | ?        | ?        | ?        | ?        | ?        | ?        |                  | 3          |                           |
| C              | Wai'ohai Beach   | HI392082        | dry              | ?           | ?        | ?        | ?        | ?        | ?        | ?        |                  | 3          |                           |
| E              | Waioli Stream Estuary  | HIW00163        | <b>na</b>        | ?           | ?        | ?        | ?        | T        | ?        | ?        |                  | 3,4a       | TMDL approved 2008 (Turb) |
| E              | Waipa Stream Estuary   | HIW00164        | <b>na</b>        | ?           | ?        | ?        | ?        | T        | ?        | ?        |                  | 3,4a       | TMDL approved 2008 (Turb) |
| C              | Waipouli Beach   | HI682678        | wet              | A           | ?        | ?        | ?        | ?        | ?        | ?        |                  | 2,3        |                           |

**OAHU Stream Waters**

| <b>Assessed Waterbody</b> | <b>Waterbody Type</b> | <b>Scope of Assessment</b> | <b>Geocode ID</b> | <b>Season</b> | <b>enterococci</b> | <b>Total N</b> | <b>NO3+NO2</b> | <b>Total P</b> | <b>TURB</b> | <b>TSS</b> | <b>Other Pollutants</b> | <b>Category</b> | <b>TMDL Priority</b> |
|---------------------------|-----------------------|----------------------------|-------------------|---------------|--------------------|----------------|----------------|----------------|-------------|------------|-------------------------|-----------------|----------------------|
| Ahuimanu                  | Stream                | EN                         | 3-2-07.03         | Wet           | ?                  | ?              | ?              | ?              | V           | ?          |                         | 3,5             | L                    |
| Ahuimanu                  | Stream                | EN                         | 3-2-07.03         | Dry           | ?                  | ?              | ?              | ?              | V           | ?          |                         | 3,5             | L                    |
| Aiea                      | Stream                | EN                         | 3-4-03            | Wet           | ?                  | N1c            | N1c            | ?              | V           | ?          | Trash                   | 3,5             | H (IP)               |
| Aiea                      | Stream                | EN                         | 3-4-03            | Dry           | ?                  | N1c            | N1c            | ?              | V           | ?          | Trash                   | 3,5             | H (IP)               |
| Anahulu                   | Estuary               | EE                         | 3-6-08-E          |               | ?                  | V              | V              | V              | V           | ?          |                         | 3,5             | L                    |
| Halawa                    | Stream                | EN                         | 3-4-02            |               | ?                  | V              | V              | V              | V           | ?          |                         | 3,5             | H (IP)               |
| Heeia                     | Stream                | EN                         | 3-2-08            | Dry           | ?                  | N              | N              | A              | A           | A          |                         | 2,3,5           | L                    |
| Heeia                     | Stream                | EN                         | 3-2-08            | Wet           | ?                  | A              | N              | A              | N           | A          |                         | 2,3,5           | L                    |
| Helemano                  | Stream                | EN                         | 3-6-07.02         |               | ?                  | V              | V              | V              | V           | ?          |                         | 3,5             | L                    |
| Honouliuli                | Stream                | EN                         | 3-4-11            |               | ?                  | ?              | ?              | ?              | ?           | ?          |                         | 3               |                      |
| Kaaawa                    | Stream                | EN                         | 3-1-19            |               | ?                  | V              | V              | V              | V           | ?          |                         | 3,5             | L                    |
| Kaalaea                   | Stream                | EN                         | 3-2-05            | Dry           | ?                  | N              | N              | A              | N           | A          |                         | 2,3,5           | L                    |
| Kaalaea                   | Stream                | EN                         | 3-2-05            | Wet           | ?                  | N              | N              | A              | A           | A          |                         | 2,3,5           | L                    |
| Kaelepulu                 | Stream                | EN                         | 3-2-14            |               | ?                  | V              | V              | V              | V           | ?          |                         | 3,5             | H (IP)               |
| Kahaluu                   | Estuary               | EE                         | 3-2-07-E          |               | ?                  | ?              | ?              | ?              | V           | ?          |                         | 3,5             | L                    |
| Kahaluu                   | Stream                | EN                         | 3-2-07.02         | Dry           | ?                  | A              | N              | A              | N           | A          |                         | 2,3,5           | L                    |
| Kahaluu                   | Stream                | EN                         | 3-2-07.02         | Wet           | ?                  | ?              | ?              | ?              | V           | ?          |                         | 3,5             | L                    |
| Kahana                    | Stream                | EN                         | 3-1-18            | Dry           | ?                  | A              | N              | A              | N           | A          |                         | 2,3,5           | M                    |
| Kahana                    | Stream                | EN                         | 3-1-18            | Wet           | ?                  | Ac             | Ac             | Ac             | Ac          | Ac         |                         | 2,3             |                      |
| Kahawainui                | Stream                | EN                         | 3-1-07            |               | ?                  | V              | V              | V              | V           | ?          |                         | 3,5             | L                    |
| Kaipapau                  | Stream                | EN                         | 3-1-10            |               | ?                  | ?              | ?              | ?              | ?           | ?          |                         | 3               |                      |
| Kalauao                   | Stream                | EN                         | 3-4-04-01         | Dry           | ?                  | N1             | N1             | ?              | N           | ?          |                         | 3,5             | H (IP)               |
| Kalauao                   | Stream                | EN                         | 3-4-04-01         | Wet           | ?                  | N              | N              | ?              | Ac          | ?          |                         | 2,3,5           | H (IP)               |
| Kalihi                    | Stream                | EN                         | 3-3-11            | Dry           | ?                  | ?              | N              | A              | N           | A          | Trash                   | 2,3,5           | H                    |
| Kalihi                    | Stream                | EN                         | 3-3-11            | Wet           | ?                  | N              | N              | A              | A           | A          | Trash                   | 2,3,5           | H                    |

**OAHU Stream Waters**

| <b>Assessed Waterbody</b>          | <b>Waterbody Type</b> | <b>Scope of Assessment</b> | <b>Geocode ID</b> | <b>Season</b> | <b>enterococci</b> | <b>Total N</b> | <b>NO3+NO2</b> | <b>Total P</b> | <b>TURB</b> | <b>TSS</b> | <b>Other Pollutants</b> | <b>Category</b> | <b>TMDL Priority</b>                              |
|------------------------------------|-----------------------|----------------------------|-------------------|---------------|--------------------|----------------|----------------|----------------|-------------|------------|-------------------------|-----------------|---|
| Kaluanui                           | Stream                | EN                         | 3-1-13            |               | ?                  | ?              | ?              | ?              | ?           | ?          |                         | 3               |   |
| Kamooalii (Trib to Kaneohe Stream) | Stream                | Kamooalii Trib             | 3-2-10.01         | Dry           | ?                  | T              | T              | T              | T           | T          |                         | 3,4a            | <i>TMDLs approved 2010</i>                        |
| Kamooalii (Trib to Kaneohe Stream) | Stream                | Kamooalii Trib             | 3-2-10.01         | Wet           | ?                  | T              | T              | T              | T           | T          |                         | 3,4a            | <i>TMDLs approved 2010</i>                        |
| Kaneohe                            | Stream                | EN                         | 3-2-10            | Dry           | ?                  | T              | T              | T              | T           | T          | Dieldrin                | 3,4a,5          | <i>M (nutrient, sediment TMDLs approved 2010)</i> |
| Kaneohe                            | Stream                | EN                         | 3-2-10            | Wet           | ?                  | T              | T              | T              | T           | T          | Dieldrin                | 3,4a,5          | <i>M (nutrient, sediment TMDLs approved 2010)</i> |
| Kapaa                              | Stream                | EN                         | 3-2-13-Kapaa      |               | ?                  | T              | T              | T              | T           | T          | Metals; Lead            | 3,4a,5          | M (nutrient & sediment TMDLs approved 2007)       |
| Kapakahi                           | Stream                | EN                         | 3-4-Kapakahi      | Wet           | ?                  | N              | N              | N              | ?           | ?          | Trash                   | 3,5             | H (IP)  |
| Kapakahi                           | Stream                | EN                         | 3-4-Kapakahi      | Dry           | ?                  | ?              | ?              | ?              | V           | ?          | Trash                   | 3,5             | H (IP)  |
| Kapalama                           | Stream                | EN                         | 3-3-10            |               | ?                  | V              | V              | V              | V           | ?          | Trash                   | 3,5             | L   |
| Kaukonahua                         | Stream                | EN                         | 3-6-06.02         | Dry           | ?                  | N              | N              | A              | N1          | A          |                         | 2,3,5           | M   |
| Kaukonahua                         | Stream                | EN                         | 3-6-06.02         | Wet           | ?                  | N              | N              | A              | N1          | A          |                         | 2,3,5           | M   |
| Kaupuni                            | Stream                | EN                         | 3-5-05            |               | ?                  | V              | V              | V              | V           | ?          | Trash                   | 3,5             | L   |
| Kawa                               | Stream                | EN                         | 3-2-11            |               | ?                  | T              | T              | T              | T           | T          |                         | 3,4a            | TMDLs approved 2002, 2005                         |

**OAHU Stream Waters**

| <b>Assessed Waterbody</b> | <b>Waterbody Type</b> | <b>Scope of Assessment</b> | <b>Geocode ID</b> | <b>Season</b> | <b>enterococci</b> | <b>Total N</b> | <b>NO3+NO2</b> | <b>Total P</b> | <b>TURB</b> | <b>TSS</b> | <b>Other Pollutants</b>    | <b>Category</b> | <b>TMDL Priority</b>       |
|---------------------------|-----------------------|----------------------------|-------------------|---------------|--------------------|----------------|----------------|----------------|-------------|------------|----------------------------|-----------------|----------------------------|
| Kawailoa                  | Stream                | EN                         | 3-6-08.01         |               | ?                  | V              | V              | V              | V           | ?          |                            | 3,5             | L                          |
| Kawainui                  | Stream                | EN                         | 3-2-13            |               | ?                  | ?              | ?              | ?              | ?           | ?          |                            | 3               |                            |
| Kawainui Marsh            | Wetland               | EW                         | 3-2-13-W          |               | ?                  | ?              | ?              | ?              | ?           | ?          |                            | 3               |                            |
| Kawela                    | Stream                | EN                         | 3-1-04            |               | ?                  | ?              | ?              | ?              | ?           | ?          |                            | 3               |                            |
| Keaahala                  | Stream                | EN                         | 3-2-09            | Dry           | ?                  | N              | N              | N              | N           | A          | Trash                      | 2,3,5           | L                          |
| Keaahala                  | Stream                | EN                         | 3-2-09            | Wet           | ?                  | N              | N              | A              | A           | A          | Trash                      | 2,3,5           | L                          |
| Kiikii                    | Estuary               | EE                         | 3-6-06-E          |               | ?                  | ?              | ?              | ?              | ?           | ?          |                            | 3               |                            |
| Koloa                     | Stream                | EN                         | 3-1-09            | Both          | ?                  | ?              | ?              | ?              | ?           | ?          |                            | 3               |                            |
| Makiki                    | Stream                | EN                         | ALWS06            | Dry           | ?                  | N              | ?              | N              | ?           | ?          |                            | 3,5             | L                          |
| Manoa                     | Stream                | EN                         | 3-3-07.01         |               | ?                  | V              | V              | V              | V           | ?          | Dieldrin, Chlordane        | 3,5             | L                          |
| Maunawili                 | Stream                | EN                         | 3-2-13.01         |               | ?                  | V              | V              | V              | V           | ?          | Trash                      | 3,5             | M                          |
| Moanalua                  | Stream                | EN                         | 3-3-12.01         | Dry           | ?                  | Nc             | Ac             | Ac             | N1          | Ac         | Trash                      | 2,3,5           | L                          |
| Moanalua                  | Stream                | EN                         | 3-3-12.01         | Wet           | ?                  | Nc             | Ac             | Ac             | Ac          | Ac         | Trash                      | 2,3,5           | L                          |
| N. Fork Kaukonahua        | Stream                | EN                         | 3-6-06.02.2       |               | ?                  | <b>T</b>       | <b>T</b>       | <b>T</b>       | <b>T</b>    | <b>T</b>   |                            | <b>3,4a</b>     | <b>TMDLs approved 2010</b> |
| Nuuanu                    | Stream                | EN                         | 3-3-09            | Dry           | ?                  | N              | N              | N              | N           | N          | Trash, Dieldrin, Chlordane | 3,5             | M                          |
| Nuuanu                    | Stream                | EN                         | 3-3-09            | Wet           | ?                  | N              | N              | A              | N           | A          | Trash, Dieldrin, Chlordane | 2,3,5           | M                          |
| Opaeula                   | Stream                | EN                         | 3-6-07.01         |               | ?                  | V              | V              | V              | V           | ?          |                            | 3,5             | L                          |
| Palolo                    | Stream                | EN                         | 3-3-07.01.1       |               | ?                  | ?              | ?              | ?              | ?           | ?          | Trash                      | 3,5             | L                          |
| Paukauila                 | Estuary               | EE                         | 3-6-07-E          |               | ?                  | V              | V              | V              | V           | ?          |                            | 3,5             | L                          |
| Poamoho                   | Stream                | EN                         | 3-6-06.01         |               | ?                  | V              | V              | V              | V           | ?          |                            | 3,5             | M                          |
| Punaluu                   | Stream                | EN                         | 3-1-16            | Dry           | ?                  | A              | A              | A              | A           | A          |                            | 2,3             |                            |

**OAHU Stream Waters**

| Assessed Waterbody | Waterbody Type | Scope of Assessment | Geocode ID      | Season | enterococci | Total N  | NO3+NO2  | Total P  | TURB     | TSS      | Other Pollutants | Category    | TMDL Priority              |
|--------------------|----------------|---------------------|-----------------|--------|-------------|----------|----------|----------|----------|----------|------------------|-------------|----------------------------|
| Punaluu            | Stream         | EN                  | 3-1-16          | Wet    | ?           | A        | Ac       | A        | A        | A        |                  | 2,3         |                            |
| S. Fork Kaukonahua | Stream         | EN                  | 3-6-06.02.1     |        | ?           | <b>T</b> | <b>T</b> | <b>T</b> | <b>T</b> | <b>T</b> |                  | <b>3,4a</b> | <b>TMDLs approved 2010</b> |
| Salt Lake          | Lake           | EL                  | 3-3-12-SaltLake |        | ?           | ?        | ?        | ?        | N        | ?        | Trash            | 3,5         | L                          |
| Wahiawa Reservoir  | Reservoir      | ER                  | 3-6-06.02-R     |        | ?           | V        | V        | V        | V        | ?        |                  | 3,5         | H (IP)                     |
| Waiahole           | Stream         | EN                  | 3-2-04          | Dry    | ?           | A        | N        | N        | A        | A        |                  | 2,3,5       | L                          |
| Waiahole           | Stream         | EN                  | 3-2-04          | Wet    | ?           | Ac       | Nc       | Ac       | Ac       | Ac       |                  | 2,3,5       | L                          |
| Waiawa             | Stream         | EN                  | 3-4-06          | Wet    | ?           | A        | A        | A        | V        | A        | Trash            | 2,3,5       | H (IP)                     |
| Waiawa             | Stream         | EN                  | 3-4-06          | Dry    | ?           | V        | V        | V        | V        | ?        | Trash            | 3,5         | H (IP)                     |
| Waihee             | Stream         | EN                  | 3-2-07.01       | Wet    | ?           | V        | V        | V        | ?        | ?        |                  | 3,5         | L                          |
| Waihee             | Stream         | EN                  | 3-2-07.01       | Dry    | ?           | N        | N        | A        | N        | A        |                  | 2,3,5       | L                          |
| Waikane            | Stream         | EN                  | 3-2-02          | Dry    | ?           | A        | N        | A        | A        | A        |                  | 2,3,5       | L                          |
| Waikane            | Stream         | EN                  | 3-2-02          | Wet    | ?           | Ac       | Nc       | Ac       | Ac       | Ac       |                  | 2,3,5       | L                          |
| Waikele            | Stream         | EN                  | 3-4-10          | Dry    | ?           | N1       | N1       | ?        | ?        | ?        |                  | 3,5         | H (IP)                     |
| Waikele            | Stream         | EN                  | 3-4-10          | Wet    | ?           | N1       | N1       | ?        | N        | ?        |                  | 3,5         | H (IP)                     |
| Waialele           | Stream         | EN                  | 3-1-08          | Wet    | ?           | ?        | ?        | ?        | N1       | ?        |                  | 3,5         | L                          |
| Waimalu            | Stream         | EN                  | 3-4-05          | Wet    | ?           | ?        | ?        | ?        | N1       | ?        |                  | 3,5         | H (IP)                     |
| Waimanalo          | Stream         | EN                  | 3-2-15          |        | ?           | T        | T        | T        | T        | ?        |                  | 3,4a        | TMDLs approved 2001        |
| Waimano            | Stream         | EN                  | 3-4-06.01       |        | ?           | ?        | ?        | ?        | V        | ?        |                  | 3,5         | H (IP)                     |
| Waiola             | Stream         | EN                  | 3-2-07.04       | Wet    | ?           | ?        | ?        | ?        | V        | ?        |                  | 3,5         | L                          |
| Waiola             | Stream         | EN                  | 3-2-07.04       | Dry    | ?           | ?        | ?        | ?        | V        | ?        |                  | 3,5         | L                          |

OAHU Marine Waters

| Waterbody Type | Scope of Assessment                                    | Geocode ID      | Wet/Dry Criteria | enterococci | Total N  | NO3+NO2  | Total P  | TURB     | chl-a    | NH4      | Other Pollutants  | Category   | TMDL Priority                                   |
|----------------|--|-----------------|------------------|-------------|----------|----------|----------|----------|----------|----------|---|------------|---|
| C              | Ala Moana Beach (Center)                               | HIW00001        | wet              | A           | A        | A        | A        | N        | N        | A        |   | 2,5        | L   |
| C              | Ala Moana Beach (Diamond Hd)                           | HIW00002        | wet              | A           | A        | A        | A        | ?        | N        | N        |   | 2,3,5      | L   |
| C              | Ala Moana Beach (Ewa)                                  | HI473893        | wet              | A           | ?        | ?        | ?        | ?        | ?        | ?        |   | 2,3        |   |
| B              | Ala Wai Boat Harbor (Ala Moana Bridge stn)             | HIW00125        | wet              | N           | N        | ?        | N        | N        | N        | ?        |   | 3,5        | L   |
| E              | Ala Wai Canal and Boat Harbor                          | HIW00050        | na               | T           | T        | T        | T        | T        | ?        | ?        | Nutrients, pathogens, metals, suspd solids (T); organochlorine pesticides, lead | 3,4a,5     | TMDLs completed for canal nutrients. L – others |
| E              | Ala Wai Canal and Harbor (Canal-Dmd Hd stn)            | HIW00085        | na               | N           | N        | ?        | N        | N        | N        | ?        |   | 3,5        | L   |
| E              | Ala Wai Canal and Harbor (Manoa & Palolo KHS stn)      | HIW00036        | na               | ?           | N        | ?        | N        | N        | N        | ?        |   | 3,5        | L   |
| E              | Ala Wai Canal and Harbor (Manoa strm fork stn)         | HIW00035        | na               | ?           | N        | ?        | ?        | N        | ?        | ?        | fecal   | 3,5        | L   |
| E              | Ala Wai Canal and Harbor (Manoa-Palolo strm mouth stn) | HIW00087        | na               | ?           | N        | ?        | N        | N        | N        | ?        |   | 3,5        | L   |
| E              | Ala Wai Canal and Harbor (McCully Bridge stn)          | HIW00086        | na               | N           | ?        | ?        | ?        | ?        | ?        | ?        |   | 3,5        | L   |
| E              | Ala Wai Canal and Harbor (Palolo strm fork)            | HIW00034        | na               | ?           | N        | ?        | ?        | N        | ?        | ?        | fecal   | 3,5        | L   |
| C              | Aukai Beach Co. Park                                   | HI145110        | dry              | <b>A</b>    | ?        | ?        | ?        | ?        | ?        | ?        |   | <b>2,3</b> |   |
| C              | Banzai Beach   | HI908378        | dry              | ?           | ?        | ?        | ?        | ?        | ?        | ?        |   | 3          |   |
| C              | Barbers Point Beach Co. Pk.                            | HI593573        | wet              | ?           | ?        | ?        | ?        | ?        | ?        | ?        |   | 3          |   |
| B              | Barbers Point Harbor                                   | HIW00088        | dry              | ?           | ?        | ?        | ?        | ?        | ?        | ?        |   | 3          |   |
| C              | Bellows Field Beach Co. Pk. (N. runway)                | HI798011        | wet              | N           | ?        | ?        | ?        | ?        | ?        | ?        |   | 3,5        | M   |
| C              | Bellows Field Beach Co. Pk. (Waimanalo strm mouth)     | HIW00081        | wet              | N           | ?        | ?        | ?        | ?        | ?        | ?        |   | 3,5        | M   |
| C              | Camp Harold Erdman                                     | HI309544        | dry              | ?           | ?        | ?        | ?        | ?        | ?        | ?        |   | 3          |   |
| <b>C</b>       | <b>Campbell Industrial</b>                             | <b>HIW00187</b> | <b>dry</b>       | <b>?</b>    | <b>A</b> | <b>A</b> | <b>A</b> | <b>A</b> | <b>A</b> | <b>A</b> |   | <b>2,3</b> |   |
| C              | Chun's Reef  | HI950962        | wet              | A           | ?        | ?        | ?        | ?        | ?        | ?        |   | 2,3        |   |
| C              | Diamond Head   | <b>HI544313</b> | dry              | A           | ?        | ?        | ?        | ?        | ?        | ?        |   | 2,3        |   |

OAHU Marine Waters

| Waterbody Type | Scope of Assessment  | Geocode ID             | Wet/Dry Criteria  | enterococci     | Total N         | NO3+NO2         | Total P         | TURB            | chl-a           | NH4             | Other Pollutants                    | Category            | TMDL Priority   |
|----------------|--|------------------------|-------------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-------------------------------------|---------------------|-----------------|
| C              | Ehukai Beach Co. Pk.   | HI531535               | dry               | A               | ?               | ?               | ?               | ?               | ?               | ?               |                                     | 2,3                 |                 |
| <b>C</b>       | <b><i>Ewa (open coastal)</i></b>                             | <b><i>HIW00189</i></b> | <b><i>wet</i></b> | <b><i>N</i></b> | <b><i>A</i></b> | <b><i>A</i></b> | <b><i>A</i></b> | <b><i>A</i></b> | <b><i>A</i></b> | <b><i>A</i></b> |                                     | <b><i>2,5</i></b>   | <b><i>L</i></b> |
| C              | Ewa Beach  | HI767464               | wet               | A               | ?               | ?               | ?               | ?               | ?               | ?               |                                     | 2,3                 |                 |
| C              | Ewa Beach Park   | HI319095               | wet               | A               | A               | A               | A               | N               | N               | N               |                                     | 2,5                 | L               |
| C              | Fort DeRussy Beach   | HI045715               | wet               | A               | ?               | ?               | ?               | ?               | ?               | ?               |                                     | 2,3                 |                 |
| C              | Fort Hase Beach  | HI410735               | dry               | A               | ?               | ?               | ?               | ?               | ?               | ?               |                                     | 2,3                 |                 |
| C              | Gray's Beach   | HI941499               | wet               | A               | N               | ?               | ?               | N               | N               | ?               |                                     | 2,3,5               | L               |
| B              | Haleiwa Beach Park   | HI994019               | wet               | A               | N               | ?               | N               | ?               | N               | ?               |                                     | 2,3,5               | L               |
| B              | Hale'iwa Boat Harbor   | HIW00127               | wet               | ?               | ?               | ?               | ?               | ?               | ?               | ?               |                                     | 3                   |                 |
| C              | Halona Cove  | HI132946               | dry               | A               | ?               | ?               | ?               | ?               | ?               | ?               |                                     | 2,3                 |                 |
| <b>P</b>       | <b><i>Hammer Point</i></b>                                   | <b><i>HIW00188</i></b> | <b><i>na</i></b>  | <b><i>A</i></b> | <b><i>?</i></b> | <b><i>?</i></b> | <b><i>?</i></b> | <b><i>?</i></b> | <b><i>?</i></b> | <b><i>?</i></b> |                                     | <b><i>2,3</i></b>   |                 |
| C              | Hanaka'ilio Beach  | HI646411               | dry               | ?               | ?               | ?               | ?               | ?               | ?               | ?               |                                     | 3                   |                 |
| B              | Hanauma Bay  | HIW00058               | dry               | ?               | ?               | ?               | ?               | ?               | ?               | ?               | trash                               | 3,5                 | M               |
| B              | Hanauma Bay (Beach)  | HIW00096               | dry               | A               | A               | N               | A               | N               | A               | N               |                                     | 2,5                 | M               |
| <b>O</b>       | <b><i>Hanauma Bay (oceanic)</i></b>                          | <b><i>HIW00017</i></b> | <b><i>na</i></b>  | <b><i>?</i></b> | <b><i>?</i></b> | <b><i>N</i></b> | <b><i>?</i></b> | <b><i>?</i></b> | <b><i>N</i></b> | <b><i>N</i></b> |                                     | <b><i>3,5</i></b>   | <b><i>M</i></b> |
| C              | Hauula Beach Park  | HI854492               | dry               | A               | ?               | ?               | ?               | ?               | ?               | ?               |                                     | 2,3                 |                 |
| B              | Hawaii Kai station   | HIW00117               | dry               | A               | ?               | ?               | ?               | ?               | ?               | ?               |                                     | 2,3                 |                 |
| C              | Hawaiian Electric Beach Park                                 | HI628972               | dry               | A               | ?               | ?               | ?               | ?               | ?               | ?               |                                     | 2,3                 |                 |
| B              | Heeia Kea Small Boat Harbor                                  | HIW00097               | wet               | A               | N               | ?               | ?               | ?               | N               | ?               |                                     | 2,3,5               | L               |
| B              | Honolulu Harbor  | HIW00100               | wet               | ?               | ?               | ?               | ?               | ?               | ?               | ?               |                                     | 3                   |                 |
| B              | Honolulu Harbor & Shore area-Honolulu Waterfront-Aloha Tower | HIW00061               | wet               | ?               | ?               | <b><i>A</i></b> | ?               | <b><i>A</i></b> | ?               | <b><i>N</i></b> | Trash                               | <b><i>2,3,5</i></b> | L               |
| B              | Honolulu Harbor & Shore area-Kewalo Basin                    | HIW00051               | wet               | ?               | Y               | Y               | Y               | N               | ?               | ?               | Nutrients, suspd. solids (Y); trash | 3,5                 | L               |

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| Waterbody Type | Scope of Assessment  | Geocode ID      | Wet/Dry Criteria | enterococci | Total N  | NO3+NO2  | Total P  | TURB     | chl-a    | NH4      | Other Pollutants                               | Category   | TMDL Priority |
|----------------|--|-----------------|------------------|-------------|----------|----------|----------|----------|----------|----------|--|------------|---------------|
| B              | Honolulu Harbor-nearshore waters to 30' from 1 mile NW of Honolulu Harbor/Sand Island channel to Waikiki Beach | HIW00049        | wet              | Y           | Y        | Y        | Y        | N        | ?        | ?        | Nutrients, pathogens, metals, suspd solids (Y) | 3,5        | L             |
| C              | Ihilani Honu Lagoon  | HI815093        | dry              | <b>A</b>    | ?        | ?        | ?        | ?        | ?        | ?        |  | <b>2,3</b> |               |
| C              | Ihilani Kohola Lagoon  | HI515191        | dry              | A           | ?        | ?        | ?        | ?        | ?        | ?        |  | 2,3        |               |
| C              | Ihilani Naia Lagoon  | HI685981        | dry              | <b>A</b>    | ?        | ?        | ?        | ?        | ?        | ?        |  | <b>2,3</b> |               |
| C              | Ihilani Ulua Lagoon  | HI550240        | dry              | <b>A</b>    | ?        | ?        | ?        | ?        | ?        | ?        |  | <b>2,3</b> |               |
| <b>P</b>       | Iroquois Pt.   | HI412839        | <b>na</b>        | <b>A</b>    | ?        | ?        | ?        | ?        | ?        | ?        |  | <b>2,3</b> |               |
| C              | Kaaawa Beach Park  | HI580360        | wet              | A           | ?        | ?        | ?        | ?        | ?        | ?        |  | 2,3        |               |
| C              | Ka'alawai Beach  | HI253930        | dry              | <b>N</b>    | ?        | ?        | ?        | ?        | ?        | ?        |  | <b>3,5</b> | <b>L</b>      |
| E              | Kaelepulu Stream-Kailua Bch  | HIW00182        | na               | N           | N        | ?        | N        | N        | N        | ?        |  | 3,5        | H (IP)        |
| C              | Ka'ena Pt.   | HI645485        | dry              | <b>A</b>    | ?        | ?        | ?        | ?        | ?        | ?        |  | <b>2,3</b> |               |
| C              | Kahala Beach Shoreline   | HI514582        | dry              | A           | ?        | ?        | ?        | ?        | ?        | ?        |  | 2,3        |               |
| C              | Kahala Hilton Beach  | HI173325        | dry              | A           | ?        | ?        | ?        | ?        | ?        | ?        |  | 2,3        |               |
| B              | Kahana Bay Park  | HIW00102        | wet              | N           | N        | ?        | N        | N        | ?        | ?        |  | 3,5        | M             |
| B              | Kahana Bay-nearshore waters to 30' from Mahie Point to a point one mile north of Kahana Bay station            | HIW00062        | wet              | ?           | ?        | ?        | ?        | N        | ?        | ?        | Suspd. solids (Y)                              | 3,5        | M             |
| B              | Kahana Park  | HIW00103        | wet              | N           | ?        | ?        | ?        | ?        | ?        | ?        |  | 3,5        | M             |
| C              | Kahanamoku Beach   | HI366432        | wet              | A           | A        | A        | A        | ?        | N        | A        |  | 2,3,5      | L             |
| C              | Kahanamoku Lagoon  | HIW00003        | wet              | N           | ?        | ?        | ?        | ?        | ?        | ?        |  | 3,5        | L             |
| C              | Kahe Pt. Beach Co. Pk.   | HI548986        | dry              | <b>A</b>    | ?        | ?        | ?        | ?        | ?        | ?        |  | <b>2,3</b> |               |
| <b>C</b>       | Kahuku Golf Course   | HI989341        | <b>dry</b>       | ?           | ?        | ?        | ?        | ?        | ?        | ?        |  | 3          |               |
| B              | Kaiaka Bay   | HIW00106        | wet              | <b>N</b>    | N        | N        | ?        | N        | N        | N        |  | 3,5        | L             |
| C              | Kaihalulu Beach  | HI668562        | dry              | <b>A</b>    | ?        | ?        | ?        | ?        | ?        | ?        |  | <b>2,3</b> |               |
| <b>C</b>       | <b>Kailua Bay (open coastal)</b>   | <b>HIW00194</b> | <b>dry</b>       | <b>A</b>    | <b>A</b> | <b>A</b> | <b>A</b> | <b>A</b> | <b>A</b> | <b>A</b> |  | <b>2</b>   |               |
| C              | Kailua Beach Park  | HI482719        | wet              | A           | A        | A        | A        | N        | N        | N        |  | 2,5        | L             |

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|----------------|--|-----------------|------------------|-------------|----------|----------|----------|----------|----------|----------|----------------------------|------------|---------------|
| C              | Kaiona Beach   | HI234342        | dry              | A           | ?        | ?        | ?        | ?        | ?        | ?        |                            | 2,3        |               |
| C              | Kaipapa'u Beach  | HI787959        | dry              | <b>A</b>    | ?        | ?        | ?        | ?        | ?        | ?        |                            | <b>2,3</b> |               |
| C              | Kakaako Waterfront   | HI302297        | wet              | A           | ?        | ?        | ?        | ?        | ?        | ?        |                            | 2,3        |               |
| C              | Kalae oio Beach Park   | HI860454        | wet              | ?           | ?        | ?        | ?        | ?        | ?        | ?        |                            | 3          |               |
| C              | Kalama Beach   | HI071892        | dry              | A           | ?        | ?        | ?        | ?        | ?        | ?        |                            | 2,3        |               |
| C              | Kaloko (Queens) Beach  | HI353985        | dry              | <b>A</b>    | ?        | ?        | ?        | ?        | ?        | ?        |                            | <b>2,3</b> |               |
| <b>C</b>       | <b>Kaluahole Beach</b>   | <b>HI391176</b> | <b>dry</b>       | <b>A</b>    | <b>?</b> | <b>?</b> | <b>?</b> | <b>?</b> | <b>?</b> | <b>?</b> |                            | <b>2,3</b> |               |
| C              | Kaluaniu Beach   | HI410842        | dry              | ?           | ?        | ?        | ?        | ?        | ?        | ?        |                            | 3          |               |
| C              | Kananelu Beach   | HI196120        | wet              | A           | ?        | ?        | ?        | ?        | ?        | ?        |                            | 2,3        |               |
| B              | Kaneohe Bay (Beach Park)   | HIW00004        | wet              | ?           | N        | ?        | N        | N        | N        | ?        |                            | 3,5        | L             |
| B              | Kaneohe Bay (Central Region)                                       | HIW00013        | <b>wet</b>       | ?           | N        | N        | ?        | N        | ?        | N        |                            | 3,5        | L             |
| B              | Kaneohe Bay (Kokokahi Pier)  | HIW00005        | wet              | N           | N        | ?        | N        | N        | N        | ?        |                            | 3,5        | L             |
| B              | Kaneohe Bay (Northern Region)                                      | HIW00012        | <b>wet</b>       | ?           | N        | N        | ?        | N        | ?        | N        |                            | 3,5        | L             |
| B              | Kaneohe Bay (Southern Region)                                      | HIW00011        | <b>wet</b>       | N           | N        | N        | ?        | N        | ?        | N        |                            | 3,5        | L             |
| <b>B</b>       | <b>Kaneohe Bay at Kualoa</b>                                       | <b>HI272280</b> | <b>wet</b>       | <b>A</b>    | <b>?</b> | <b>?</b> | <b>?</b> | <b>?</b> | <b>?</b> | <b>?</b> |                            | <b>2,3</b> |               |
| B              | Kaneohe Bay-nearshore waters at mouths of Kaneohe and Kawa streams | HIW00054        | wet              | ?           | Y        | Y        | Y        | N        | ?        | ?        | nutrients, susp.solids (Y) | 3,5        | L             |
| C              | Kapaeloa Beach   | HI904851        | wet              | ?           | ?        | ?        | ?        | ?        | ?        | ?        |                            | 3          |               |
| C              | Kapi'olani Park  | HI733929        | <b>dry</b>       | <b>A</b>    | ?        | ?        | ?        | ?        | ?        | ?        |                            | <b>2,3</b> |               |
| <b>C</b>       | <b>Kapoho Point</b>  | <b>HIW00192</b> | <b>dry</b>       | <b>N</b>    | <b>?</b> | <b>?</b> | <b>?</b> | <b>?</b> | <b>?</b> | <b>?</b> |                            | <b>3,5</b> | <b>L</b>      |
| C              | Kaunala Beach  | HI622160        | dry              | <b>A</b>    | ?        | ?        | ?        | ?        | ?        | ?        |                            | <b>2,3</b> |               |
| C              | Kaupo Beach Co. Park   | HI791127        | dry              | A           | ?        | ?        | ?        | ?        | ?        | ?        |                            | 2,3        |               |
| C              | Kawaiku'i Beach Park   | HI304424        | dry              | A           | ?        | ?        | ?        | ?        | ?        | ?        |                            | 2,3        |               |
| C              | Kawailoa Beach   | HI312049        | wet              | ?           | ?        | ?        | ?        | ?        | ?        | ?        |                            | 3          |               |
| C              | Kawela Bay   | HI698581        | dry              | A           | N        | ?        | N        | N        | N        | ?        |                            | 2,3,5      | L             |

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|----------------|---|-----------------|------------------|-------------|----------|----------|----------|----------|----------|----------|-----------------------------|------------|---------------|
| C              | Kea'au Beach Co. Park   | HI730738        | dry              | A           | ?        | ?        | ?        | ?        | ?        | ?        |                             | 2,3        |               |
| C              | Kealia Beach  | HI612698        | dry              | A           | ?        | ?        | ?        | ?        | ?        | ?        |                             | 2,3        |               |
| B              | Keehi Lagoon  | HIW00009        | wet              | N           | ?        | ?        | ?        | ?        | ?        | ?        |                             | 3,5        | L             |
| B              | Keehi Lagoon (Point X)  | HIW00010        | wet              | N           | N        | ?        | N        | ?        | N        | ?        |                             | 3,5        | L             |
| B              | Keehi Lagoon waters and nearshore waters to 30' from lagoon mouth to Pearl Harbor | HIW00055        | wet              | ?           | Y        | Y        | Y        | N        | ?        | ?        | nutrients, susp. solids (Y) | 3,5        | L             |
| C              | Kewalo Basin  | HIW00126        | wet              | ?           | N        | ?        | N        | N        | N        | ?        |                             | 3,5        | L             |
| B              | Ko Olina  | HIW00089        | dry              | ?           | ?        | ?        | ?        | ?        | ?        | ?        |                             | 3          |               |
| <b>B</b>       | <b>Koke'e Beach Park</b>  | <b>HI147970</b> | <b>dry</b>       | <b>A</b>    | <b>?</b> | <b>?</b> | <b>?</b> | <b>?</b> | <b>?</b> | <b>?</b> |                             | <b>2,3</b> |               |
| <b>B</b>       | <b>Koko Kai Beach Park</b>  | <b>HI467112</b> | <b>dry</b>       | <b>A</b>    | <b>?</b> | <b>?</b> | <b>?</b> | <b>?</b> | <b>?</b> | <b>?</b> |                             | <b>2,3</b> |               |
| C              | Kokololio Beach   | <b>HI767708</b> | dry              | A           | ?        | ?        | ?        | ?        | ?        | ?        |                             | 2,3        |               |
| C              | Kualoa Co. Regional Park  | HI848207        | wet              | A           | N        | N        | A        | ?        | N        | N        |                             | 2,3,5      | L             |
| C              | Kualoa Sugar Mill Beach   | HI484535        | wet              | A           | ?        | ?        | ?        | ?        | ?        | ?        |                             | 2,3        |               |
| C              | Kuhio Beach   | HI681782        | <b>dry</b>       | <b>A</b>    | A        | N        | A        | ?        | <b>N</b> | N        |                             | 2,3,5      | L             |
| C              | Kuhio Beach (Public Bath)   | HI851298        | <b>dry</b>       | A           | A        | A        | A        | N        | N        | <b>N</b> |                             | 2,5        | L             |
| <b>C</b>       | <b>Kuilei Cliffs</b>  | <b>HI431723</b> | <b>dry</b>       | <b>A</b>    | <b>?</b> | <b>?</b> | <b>?</b> | <b>?</b> | <b>?</b> | <b>?</b> |                             | <b>2,3</b> |               |
| C              | Kuilei Cliffs Beach Park  | HIW00064        | dry              | ?           | ?        | ?        | ?        | ?        | ?        | ?        |                             | 3          |               |
| C              | Kuilima Cove  | HI412224        | dry              | A           | ?        | ?        | ?        | ?        | ?        | ?        |                             | 2,3        |               |
| <b>B</b>       | <b>Kuli'ou'ou</b>   | <b>HI360513</b> | <b>dry</b>       | <b>N</b>    | <b>?</b> | <b>?</b> | <b>?</b> | <b>?</b> | <b>?</b> | <b>?</b> |                             | <b>3,5</b> | <b>L</b>      |
| <b>B</b>       | <b>Laenani Beach Co. Park</b>   | <b>HI930562</b> | <b>wet</b>       | <b>N</b>    | <b>?</b> | <b>?</b> | <b>?</b> | <b>?</b> | <b>?</b> | <b>?</b> |                             | <b>3,5</b> | <b>L</b>      |
| C              | Laie Bay  | HI472847        | dry              | A           | N        | ?        | N        | N        | N        | ?        |                             | 2,3,5      | L             |
| C              | Laniakea Beach  | HI183312        | wet              | A           | ?        | ?        | ?        | ?        | ?        | ?        |                             | 2,3        |               |
| C              | Lanikai Beach   | HI596989        | wet              | A           | ?        | ?        | ?        | ?        | ?        | ?        |                             | 2,3        |               |
| <b>C</b>       | <b>Lanikai Boat Ramp</b>  | <b>HIW00193</b> | <b>wet</b>       | <b>A</b>    | <b>?</b> | <b>?</b> | <b>?</b> | <b>?</b> | <b>?</b> | <b>?</b> |                             | <b>2,3</b> |               |
| C              | Laniloa Peninsula (Beach)   | HI201901        | dry              | A           | ?        | ?        | ?        | ?        | ?        | ?        |                             | 2,3        |               |

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|----------------|--------------------------------------|-----------------|------------------|-------------|----------|----------|----------|----------|----------|----------|------------------|------------|---------------|
| C              | Laukinui Beach                       | HI739818        | dry              | A           | ?        | ?        | ?        | ?        | ?        | ?        |                  | 2,3        |               |
| C              | Lualualei Beach Co. Park             | HI800877        | dry              | A           | ?        | ?        | ?        | ?        | ?        | ?        |                  | 2,3        |               |
| C              | Magic Island                         | HI529142        | wet              | A           | ?        | ?        | ?        | ?        | ?        | ?        |                  | 2,3        |               |
| C              | Ma'ili Beach Park                    | HI627464        | dry              | A           | ?        | ?        | ?        | ?        | ?        | ?        |                  | 2,3        |               |
| C              | Maipalaoa Beach                      | HI280966        | dry              | A           | ?        | ?        | ?        | ?        | ?        | ?        |                  | 2,3        |               |
| C              | Makaha Beach                         | HI632106        | dry              | A           | A        | N        | A        | N        | N        | N        |                  | 2,5        | L             |
| C              | Makao Beach                          | <b>HI147212</b> | dry              | A           | ?        | ?        | ?        | ?        | ?        | ?        |                  | 2,3        |               |
| C              | Makapuu Beach                        | HI723399        | dry              | A           | ?        | ?        | ?        | ?        | ?        | ?        |                  | 2,3        |               |
| C              | Makaua Beach Co. Park                | HIW00066        | wet              | ?           | ?        | ?        | ?        | ?        | ?        | ?        |                  | 3          |               |
| <b>C</b>       | <b>Makaua Beach Co. Park</b>         | <b>HI542752</b> | <b>wet</b>       | <b>?</b>    | <b>?</b> | <b>?</b> | <b>?</b> | <b>?</b> | <b>?</b> | <b>?</b> |                  | <b>3</b>   |               |
| C              | Makua Beach                          | HI915061        | dry              | A           | ?        | ?        | ?        | ?        | ?        | ?        |                  | 2,3        |               |
| C              | Malaekahana State Park               | HI137325        | dry              | A           | ?        | ?        | ?        | ?        | ?        | ?        |                  | 2,3        |               |
| <b>C</b>       | <b>Mamala Bay (Ft. Kam offshore)</b> | <b>HIW00190</b> | <b>wet</b>       | <b>?</b>    | <b>A</b> | <b>A</b> | <b>A</b> | <b>A</b> | <b>A</b> | <b>A</b> |                  | <b>2,3</b> |               |
| <b>O</b>       | <b>Mamala Bay (Oceanic)</b>          | HIW00015        | <b>na</b>        | ?           | N        | ?        | ?        | ?        | N        | ?        |                  | 3,5        | L             |
| C              | Mamala Bay (Sand Isl. Offshore)      | HIW00014        | wet              | A           | A        | A        | A        | A        | A        | A        |                  | 2          |               |
| C              | Manner's Beach                       | HI717740        | dry              | A           | ?        | ?        | ?        | ?        | ?        | ?        |                  | 2,3        |               |
| C              | Mauna Lahilahi Beach                 | HI639551        | dry              | A           | ?        | ?        | ?        | ?        | ?        | ?        |                  | 2,3        |               |
| <b>C</b>       | <b>Maunalua Bay</b>                  | HIW00016        | <b>dry</b>       | ?           | N        | N        | ?        | ?        | N        | N        |                  | 3,5        | L             |
| <b>B</b>       | <b>Maunalua Beach Park</b>           | <b>HI423413</b> | <b>dry</b>       | <b>A</b>    | <b>?</b> | <b>?</b> | <b>?</b> | <b>?</b> | <b>?</b> | <b>?</b> |                  | <b>2,3</b> |               |
| <b>C</b>       | <b>Mikilua Beach Park</b>            | <b>HIW00186</b> | <b>dry</b>       | <b>A</b>    | <b>?</b> | <b>?</b> | <b>?</b> | <b>?</b> | <b>?</b> | <b>?</b> |                  | <b>2,3</b> |               |
| C              | Mokule'ia Beach                      | HI908786        | dry              | ?           | ?        | ?        | ?        | ?        | ?        | ?        |                  | 3          |               |
| C              | Mokule'ia Beach Co. Park             | HI220308        | dry              | A           | ?        | ?        | ?        | ?        | ?        | ?        |                  | 2,3        |               |
| C              | Nanaikapono Beach                    | HI504242        | dry              | A           | ?        | ?        | ?        | ?        | ?        | ?        |                  | 2,3        |               |
| C              | Nanakuli Beach Park                  | HI467413        | dry              | A           | ?        | ?        | ?        | ?        | ?        | ?        |                  | 2,3        |               |
| C              | Nimitz Beach                         | HI682233        | wet              | A           | ?        | ?        | ?        | ?        | ?        | ?        |                  | 2,3        |               |

OAHU Marine Waters

| Waterbody Type | Scope of Assessment  | Geocode ID | Wet/Dry Criteria | enterococci | Total N  | NO3+NO2  | Total P  | TURB     | chl-a    | NH4      | Other Pollutants   | Category     | TMDL Priority |
|----------------|--|------------|------------------|-------------|----------|----------|----------|----------|----------|----------|--|--------------|---------------|
| C              | Niu  | HI157026   | dry              | ?           | ?        | ?        | ?        | ?        | ?        | ?        |  | 3            |               |
| C              | North Beach  | HI426406   | dry              | <b>A</b>    | ?        | ?        | ?        | ?        | ?        | ?        |  | <b>2,3</b>   |               |
| C              | Ocean Pointe C   | HIW00132   | wet              | ?           | N        | N        | A        | N        | N        | N        |  | 2,3,5        | L             |
| C              | Ocean Pointe Control   | HIW00129   | wet              | ?           | N        | N        | A        | N        | N        | A        |  | 2,3,5        | L             |
| C              | Ocean Pointe E   | HIW00130   | wet              | ?           | N        | N        | A        | N        | N        | A        |  | 2,3,5        | L             |
| C              | Ocean Pointe W   | HIW00131   | wet              | ?           | N        | N        | A        | N        | N        | A        |  | 2,3,5        | L             |
| C              | Ohikilolo Beach (Barking Sands)  | HI731423   | dry              | <b>A</b>    | ?        | ?        | ?        | ?        | ?        | ?        |  | <b>2,3</b>   |               |
| C              | Oneawa Beach   | HI952205   | dry              | <b>A</b>    | N        | ?        | N        | N        | N        | ?        |  | <b>2,3,5</b> | L             |
| C              | Oneula Beach Park  | HI825419   | wet              | A           | ?        | ?        | ?        | ?        | ?        | ?        |  | 2,3          |               |
| C              | Outrigger Canoe Club Beach   | HI943325   | <b>dry</b>       | <b>A</b>    | ?        | ?        | ?        | ?        | ?        | ?        |  | <b>2,3</b>   |               |
| C              | Pahipahi'aluia Beach   | HI575467   | dry              | <b>A</b>    | ?        | ?        | ?        | ?        | ?        | ?        |  | <b>2,3</b>   |               |
| C              | Paiko Lagoon   | HI598745   | dry              | ?           | ?        | ?        | ?        | ?        | ?        | ?        |  | 3            |               |
| B              | Paiko Peninsula to Koko Hd   | HIW00118   | dry              | ?           | ?        | ?        | ?        | ?        | ?        | ?        |  | 3            |               |
| C              | Papa'iloa Beach  | HI478834   | wet              | <b>A</b>    | ?        | ?        | ?        | ?        | ?        | ?        |  | <b>2,3</b>   |               |
| C              | Papaoneone Beach   | HI990625   | dry              | <b>A</b>    | ?        | ?        | ?        | ?        | ?        | ?        |  | <b>2,3</b>   |               |
| P              | Pearl Harbor   | HIW00006   | na               | ?           | N        | ?        | N        | <b>A</b> | N        | ?        |  | <b>2,3,5</b> | H             |
| P              | Pearl Harbor-Harbor waters and nearshore waters to 30' from Keehi Lagoon to Oneula Beach | HIW00119   | na               | ?           | Y        | Y        | Y        | N        | ?        | ?        | nutrients, susp. Solids (Y); PCBs, fish consumption advisory | 3,5          | H             |
| C              | Pipeline, The  | HI188157   | dry              | <b>A</b>    | ?        | ?        | ?        | ?        | ?        | ?        |  | <b>2,3</b>   |               |
| C              | Point Panic  | HI197311   | wet              | A           | ?        | ?        | ?        | ?        | ?        | ?        |  | 2,3          |               |
| B              | Pokai Bay  | HIW00007   | dry              | A           | A        | N        | A        | ?        | N        | N        |  | 2,3,5        | L             |
| <b>O</b>       | Pokai Bay (oceanic)  | HIW00019   | <b>na</b>        | ?           | N        | ?        | ?        | ?        | N        | ?        |  | 3,5          | L             |
| <b>C</b>       | Pokai Bay (open coastal)   | HIW00018   | <b>dry</b>       | <b>A</b>    | <b>A</b> | <b>A</b> | <b>A</b> | <b>N</b> | <b>A</b> | <b>A</b> |  | <b>2,5</b>   | L             |
| C              | Pounders Beach   | HI587568   | dry              | <b>A</b>    | ?        | ?        | ?        | ?        | ?        | ?        |  | <b>2,3</b>   |               |

OAHU Marine Waters

| Waterbody Type | Scope of Assessment   | Geocode ID      | Wet/Dry Criteria | enterococci | Total N  | NO3+NO2  | Total P  | TURB     | chl-a    | NH4      | Other Pollutants            | Category     | TMDL Priority |
|----------------|---|-----------------|------------------|-------------|----------|----------|----------|----------|----------|----------|-----------------------------|--------------|---------------|
| C              | Punaluu Beach Park  | HI148836        | wet              | <b>N</b>    | ?        | ?        | ?        | ?        | ?        | ?        |                             | 3,5          | <b>L</b>      |
| C              | Pupukea Beach Co. Park  | HI193495        | wet              | <b>A</b>    | ?        | ?        | ?        | ?        | ?        | ?        |                             | 2,3          |               |
| C              | Pu'uiki   | HI437024        | dry              | <b>A</b>    | ?        | ?        | ?        | ?        | ?        | ?        |                             | 2,3          |               |
| C              | Pu'uohulu Beach   | HI960731        | dry              | <b>A</b>    | ?        | ?        | ?        | ?        | ?        | ?        |                             | 2,3          |               |
| C              | Queen's Surf Beach Park   | HIW00069        | <b>dry</b>       | ?           | ?        | ?        | ?        | ?        | ?        | ?        |                             | 3            |               |
| C              | Royal-Moana Beach   | HI898947        | wet              | A           | A        | N        | A        | ?        | N        | N        |                             | 2,3,5        | L             |
| C              | Sand Island   | HI714359        | wet              | A           | <b>A</b> | <b>N</b> | <b>A</b> | N        | N        | <b>A</b> |                             | 2,5          | L             |
| C              | Sand Island Pt.#3   | HIW00181        | wet              | ?           | N        | ?        | ?        | N        | N        | ?        |                             | 3,5          | L             |
| C              | Sandy Beach   | HI776760        | dry              | A           | N        | N        | A        | N        | N        | N        |                             | 2,5          | L             |
| <b>C</b>       | <b>Sandy Beach (open coastal)</b>   | <b>HIW00191</b> | <b>dry</b>       | ?           | <b>N</b> | <b>A</b> | <b>A</b> | <b>A</b> | ?        | <b>A</b> |                             | <b>2,3,5</b> | <b>L</b>      |
| C              | Sans Souci  | HI617815        | <b>dry</b>       | A           | <b>N</b> | N        | A        | ?        | <b>N</b> | N        |                             | 2,3,5        | L             |
| C              | Sunset Beach  | HI860544        | dry              | A           | A        | N        | A        | ?        | N        | N        |                             | 2,3,5        | L             |
| C              | Swanzy Beach Co. Park   | HI151343        | wet              | <b>A</b>    | ?        | ?        | ?        | ?        | ?        | ?        |                             | 2,3          |               |
| C              | Tongg's   | HI248913        | <b>dry</b>       | A           | ?        | ?        | ?        | ?        | ?        | ?        |                             | 2,3          |               |
| C              | Turtle Bay  | HI776670        | dry              | <b>A</b>    | ?        | ?        | ?        | ?        | ?        | ?        |                             | 2,3          |               |
| C              | Ulehawa Beach   | HI784010        | dry              | A           | ?        | ?        | ?        | ?        | ?        | ?        |                             | 2,3          |               |
| C              | Wai'ala'e Beach Co. Park  | HI997368        | dry              | A           | ?        | ?        | ?        | ?        | ?        | ?        |                             | 2,3          |               |
| C              | Waiale'e  | HI109657        | dry              | <b>A</b>    | ?        | ?        | ?        | ?        | ?        | ?        |                             | 2,3          |               |
| B              | <b>Waialua Bay</b>  | HI451176        | wet              | A           | ?        | ?        | ?        | ?        | ?        | ?        |                             | 2,3          |               |
| B              | Waialua/Kaiaka Bays Nearshore waters to 60' from Puana Point to a point 1.5 miles W of Kaiaka Pt. | HIW00083        | <b>wet</b>       | ?           | Y        | Y        | Y        | N        | ?        | ?        | nutrients, susp. Solids (Y) | 3,5          | L             |
| B              | Waiana'e Boat Harbor  | HIW00124        | dry              | ?           | ?        | ?        | ?        | ?        | ?        | ?        |                             | 3            |               |
| C              | Wai'ana'e Regional Park   | HI668527        | dry              | ?           | ?        | ?        | ?        | ?        | ?        | ?        |                             | 3            |               |
| C              | Waikiki Beach Center  | HI244505        | wet              | A           | ?        | ?        | ?        | ?        | ?        | ?        |                             | 2,3          |               |
| C              | Wailupe Beach Park  | HI432476        | dry              | ?           | ?        | ?        | ?        | ?        | ?        | ?        |                             | 3            |               |

OAHU Marine Waters

| Waterbody Type | Scope of Assessment                                    | Geocode ID | Wet/Dry Criteria | enterococci | Total N | NO3+NO2 | Total P | TURB | chl-a | NH4 | Other Pollutants | Category | TMDL Priority |
|----------------|--|------------|------------------|-------------|---------|---------|---------|------|-------|-----|------------------|----------|---------------|
| C              | Waimanalo Bay St. Rec. Area (Park)                     | HIW00008   | dry              | A           | ?       | ?       | ?       | ?    | ?     | ?   |                  | 2,3      |               |
| C              | Waimanalo Bay station (Waimanalo Beach Co. Park North) | HIW00175   | dry              | A           | ?       | ?       | ?       | ?    | ?     | ?   |                  | 2,3      |               |
| C              | Waimanalo Beach Co. Park (South)                       | HIW00174   | dry              | A           | N       | N       | A       | ?    | N     | N   |                  | 2,3,5    | M             |
| C              | Waimea Bay   | HIW00128   | wet              | A           | ?       | ?       | ?       | ?    | ?     | ?   |                  | 2,3      |               |
| C              | War Memorial Natatorium                                | HI624259   | <b>dry</b>       | ?           | ?       | ?       | ?       | ?    | ?     | ?   |                  | 3        |               |
| C              | Wawamalu Beach Park                                    | HI329454   | dry              | A           | ?       | ?       | ?       | ?    | ?     | ?   |                  | 2,3      |               |
| C              | White Plains Beach                                     | HI267023   | wet              | A           | ?       | ?       | ?       | ?    | ?     | ?   |                  | 2,3      |               |
| C              | Yokohama Bay   | HI269028   | dry              | A           | ?       | ?       | ?       | ?    | ?     | ?   |                  | 2,3      |               |

**MOLOKAI Stream Waters**

| <b>Assessed Waterbody</b> | <b>Waterbody Type</b> | <b>Scope of Assessment</b> | <b>Geocode ID</b> | <b>Season</b> | <b>enterococci</b> | <b>Total N</b> | <b>NO3+NO2</b> | <b>Total P</b> | <b>TURB</b> | <b>TSS</b> | <b>Other Pollutants</b> | <b>Category</b> | <b>TMDL Priority</b> |
|---------------------------|-----------------------|----------------------------|-------------------|---------------|--------------------|----------------|----------------|----------------|-------------|------------|-------------------------|-----------------|----------------------|
| Honoulimaloo              | Stream                | EN                         | 4-2-02            |               | ?                  | ?              | ?              | ?              | ?           | ?          |                         | 3               |                      |
| Honouliwai                | Stream                | EN                         | 4-2-03            | Wet           | ?                  | ?              | ?              | ?              | Ac          | ?          |                         | 2,3             |                      |
| Kamalo                    | Stream                | EN                         | 4-2-14            |               | ?                  | ?              | ?              | ?              | ?           | ?          |                         | 3               |                      |
| Pelekunu                  | Stream                | EN                         | 4-1-09            | Dry           | ?                  | ?              | ?              | ?              | A           | ?          |                         | 2,3             |                      |
| Waialua                   | Stream                | EN                         | 4-2-04            | Wet           | ?                  | A              | A              | A              | A           | A          |                         | 2,3             |                      |
| Waialua                   | Stream                | EN                         | 4-2-04            | Dry           | ?                  | Ac             | Ac             | Ac             | N1          | Ac         |                         | 2,3,5           | L                    |
| Wailau                    | Stream                | EN                         | 4-1-15            |               | ?                  | ?              | ?              | ?              | ?           | ?          |                         | 3               |                      |

**MOLOKAI Marine Waters**

| <b>Waterbody Type</b> | <b>Scope of Assessment</b>             | <b>Geocode ID</b> | <b>Wet/Dry Criteria</b> | <b>enterococci</b> | <b>Total N</b> | <b>NO3+NO2</b> | <b>Total P</b> | <b>TURB</b> | <b>chl-a</b> | <b>NH4</b> | <b>Other Pollutants</b> | <b>Category</b> | <b>TMDL Priority</b> |
|-----------------------|--|-------------------|-------------------------|--------------------|----------------|----------------|----------------|-------------|--------------|------------|-------------------------|-----------------|----------------------|
| C                     | Awahua Beach                           | HI702920          | dry                     | ?                  | ?              | ?              | ?              | ?           | ?            | ?          |                         | 3               |                      |
| C                     | Fagans Beach                           | HI571680          | dry                     | ?                  | ?              | ?              | ?              | ?           | ?            | ?          |                         | 3               |                      |
| C                     | Halawa Beach Park                      | HI928793          | wet                     | ?                  | ?              | ?              | ?              | ?           | ?            | ?          |                         | 3               |                      |
| B                     | Hale O Lono Harbor                     | HIW00090          | dry                     | ?                  | ?              | ?              | ?              | ?           | ?            | ?          |                         | 3               |                      |
| C                     | Halena Beach                           | HI417163          | dry                     | ?                  | ?              | ?              | ?              | ?           | ?            | ?          |                         | 3               |                      |
| C                     | Honouli Malo'o                         | HI783671          | dry                     | ?                  | ?              | ?              | ?              | ?           | ?            | ?          |                         | 3               |                      |
| C                     | Honouli Wai                            | HI376731          | dry                     | ?                  | ?              | ?              | ?              | ?           | ?            | ?          |                         | 3               |                      |
| C                     | Iliopi'i Beach                         | HI681345          | dry                     | ?                  | ?              | ?              | ?              | ?           | ?            | ?          |                         | 3               |                      |
| C                     | Kahalepohaku Beach                     | HI191374          | dry                     | ?                  | ?              | ?              | ?              | ?           | ?            | ?          |                         | 3               |                      |
| C                     | Kakahai'a Beach Park                   | HI939514          | dry                     | ?                  | ?              | ?              | ?              | ?           | ?            | ?          |                         | 3               |                      |
| C                     | Kamaka'ipo Beach                       | HI923737          | dry                     | ?                  | ?              | ?              | ?              | ?           | ?            | ?          |                         | 3               |                      |
| C                     | Kanalukaha Beach                       | HI559049          | dry                     | ?                  | ?              | ?              | ?              | ?           | ?            | ?          |                         | 3               |                      |
| C                     | Kapukahehu Beach                       | HI941577          | dry                     | ?                  | ?              | ?              | ?              | ?           | ?            | ?          |                         | 3               |                      |
| C                     | Kapukuwahine Beach                     | HI565164          | dry                     | ?                  | ?              | ?              | ?              | ?           | ?            | ?          |                         | 3               |                      |
| B                     | Kaunakakai Boat Harbor                 | HIW00109          | dry                     | ?                  | ?              | ?              | ?              | ?           | ?            | ?          |                         | 3               |                      |
| B                     | Kaunakakai Harbor                      | HIW00110          | dry                     | ?                  | ?              | ?              | ?              | ?           | ?            | ?          |                         | 3               |                      |
| C                     | Kaunala Beach                          | HI726225          | dry                     | ?                  | ?              | ?              | ?              | ?           | ?            | ?          |                         | 3               |                      |
| C                     | Kaupoa Beach                           | HI481092          | dry                     | ?                  | ?              | ?              | ?              | ?           | ?            | ?          |                         | 3               |                      |
| C                     | Kawa'aloa Bay                          | HI384043          | dry                     | ?                  | ?              | ?              | ?              | V           | ?            | ?          |                         | 3,5             | L                    |
| C                     | Kawakiunui                             | HI114962          | dry                     | ?                  | ?              | ?              | ?              | ?           | ?            | ?          |                         | 3               |                      |
| C                     | Kepuhi Beach                           | HI287930          | dry                     | ?                  | ?              | ?              | ?              | ?           | ?            | ?          |                         | 3               |                      |
| C                     | Kiowea Park (Kamehameha Coconut Grove) | HI206014          | dry                     | ?                  | ?              | ?              | ?              | ?           | ?            | ?          |                         | 3               |                      |
| C                     | Kolo Wharf                             | HI928768          | dry                     | ?                  | ?              | ?              | ?              | ?           | ?            | ?          |                         | 3               |                      |
| C                     | Lighthouse Beach                       | HI934213          | dry                     | ?                  | ?              | ?              | ?              | ?           | ?            | ?          |                         | 3               |                      |
| C                     | Mo'omomi Beach                         | HI204811          | dry                     | ?                  | ?              | ?              | ?              | V           | ?            | ?          |                         | 3,5             | L                    |
| C                     | Murphy Beach Park                      | HI138494          | dry                     | ?                  | ?              | ?              | ?              | ?           | ?            | ?          |                         | 3               |                      |

**MOLOKAI Marine Waters**

| <b>Waterbody Type</b> | <b>Scope of Assessment</b>  | <b>Geocode ID</b> | <b>Wet/Dry Criteria</b> | <b>enterococci</b> | <b>Total N</b> | <b>NO3+NO2</b> | <b>Total P</b> | <b>TURB</b> | <b>chl-a</b> | <b>NH4</b> | <b>Other Pollutants</b>      | <b>Category</b> | <b>TMDL Priority</b> |
|-----------------------|---|-------------------|-------------------------|--------------------|----------------|----------------|----------------|-------------|--------------|------------|------------------------------|-----------------|----------------------|
| C                     | Oneali'i Beach Park   | HI904462          | dry                     | ?                  | ?              | ?              | ?              | ?           | ?            | ?          |                              | 3               |                      |
| C                     | Papaloa Beach   | HI301825          | dry                     | ?                  | ?              | ?              | ?              | ?           | ?            | ?          |                              | 3               |                      |
| C                     | Papohaku Beach  | HI556777          | dry                     | ?                  | ?              | ?              | ?              | ?           | ?            | ?          |                              | 3               |                      |
| C                     | Pelekunu  | HI443237          | wet                     | ?                  | ?              | ?              | ?              | ?           | ?            | ?          |                              | 3               |                      |
| C                     | Pohaku Mauiuli Beach  | HI268134          | dry                     | ?                  | ?              | ?              | ?              | ?           | ?            | ?          |                              | 3               |                      |
| C                     | Po'olau Beach   | HI454004          | dry                     | ?                  | ?              | ?              | ?              | ?           | ?            | ?          |                              | 3               |                      |
| C                     | Puko'o  | HI665969          | dry                     | ?                  | ?              | ?              | ?              | ?           | ?            | ?          |                              | 3               |                      |
| C                     | Sandy Beach   | HI329518          | dry                     | ?                  | ?              | ?              | ?              | ?           | ?            | ?          |                              | 3               |                      |
| C                     | South Molokai Coast-nearshore waters to 18' from SW point-Waialua | HIW00052          | <b>dry</b>              | ?                  | Y              | Y              | Y              | Y           | ?            | ?          | nutrients, suspd. Solids (Y) | 3,5             | L                    |
| C                     | Wailau  | HI603285          | wet                     | ?                  | ?              | ?              | ?              | ?           | ?            | ?          |                              | 3               |                      |

**LANAI Marine Waters**

| <b>Waterbody Type</b> | <b>Scope of Assessment</b>   | <b>Geocode ID</b> | <b>Wet/Dry Criteria</b> | <b>enterococci</b> | <b>Total N</b> | <b>NO3+NO2</b> | <b>Total P</b> | <b>TURB</b> | <b>chl-a</b> | <b>NH4</b> | <b>Other Pollutants</b> | <b>Category</b> | <b>TMDL Priority</b> |
|-----------------------|------------------------------|-------------------|-------------------------|--------------------|----------------|----------------|----------------|-------------|--------------|------------|-------------------------|-----------------|----------------------|
| C                     | Awehi                        | HIW00134          | dry                     | ?                  | N              | A              | A              | N           | N            | A          |                         | 2,3,5           | L                    |
| C                     | Halepalaoa Beach             | HI297944          | dry                     | ?                  | ?              | ?              | ?              | ?           | ?            | ?          |                         | 3               |                      |
| C                     | Hulupoe Bay                  | HIW00177          | dry                     | ?                  | N              | A              | A              | A           | A            | A          |                         | 2,3,5           | L                    |
| C                     | Kahemano Beach               | HI801428          | dry                     | ?                  | A              | A              | A              | N           | A            | N          |                         | 2,3,5           | L                    |
| C                     | Kaluakoi Point to Huawai Bay | HIW00135          | dry                     | ?                  | N              | A              | A              | A           | A            | A          |                         | 2,3,5           | L                    |
| B                     | Kaumalapau Harbor            | HIW00108          | dry                     | ?                  | ?              | ?              | ?              | ?           | ?            | ?          |                         | 3               |                      |
| C                     | Kaunolu Bay                  | HI923988          | dry                     | ?                  | ?              | ?              | ?              | ?           | ?            | ?          |                         | 3               |                      |
| C                     | Kawaiu Gulch-Makole Pt.      | HIW00133          | dry                     | ?                  | <b>A</b>       | A              | A              | A           | N            | A          |                         | 2,3,5           | L                    |
| C                     | Keomuku Beach                | HI854690          | dry                     | ?                  | ?              | ?              | ?              | ?           | ?            | ?          |                         | 3               |                      |
| C                     | Lopa Beach                   | HI735036          | dry                     | ?                  | ?              | ?              | ?              | ?           | ?            | ?          |                         | 3               |                      |
| C                     | Mahanalua                    | HIW00136          | dry                     | ?                  | N              | A              | A              | N           | N            | A          |                         | 2,3,5           | L                    |
| C                     | Manele Bay Beach             | HIW00178          | dry                     | ?                  | <b>A</b>       | A              | A              | A           | A            | A          |                         | 2,3             |                      |
| B                     | Manele Boat Harbor           | HIW00179          | dry                     | ?                  | A              | A              | A              | N           | N            | A          |                         | 2,3,5           | L                    |
| C                     | Naha Beach                   | HI225961          | dry                     | ?                  | ?              | ?              | ?              | ?           | ?            | ?          |                         | 3               |                      |
| C                     | Polihua Beach                | HI845453          | dry                     | ?                  | ?              | ?              | ?              | ?           | ?            | ?          |                         | 3               |                      |
| B                     | Puu Pehe Beach               | HIW00180          | dry                     | ?                  | ?              | ?              | ?              | ?           | ?            | ?          |                         | 3               |                      |
| C                     | Shipwreck Beach              | HI362906          | dry                     | ?                  | ?              | ?              | ?              | ?           | ?            | ?          |                         | 3               |                      |

**MAUI Stream Waters**

| <b>Assessed Waterbody</b> | <b>Waterbody Type</b> | <b>Scope of Assessment</b> | <b>Geocode ID</b> | <b>Season</b> | <b>enterococci</b> | <b>Total N</b> | <b>NO3+NO2</b> | <b>Total P</b> | <b>TURB</b> | <b>TSS</b> | <b>Other Pollutants</b> | <b>Category</b> | <b>TMDL Priority</b> |
|---------------------------|-----------------------|----------------------------|-------------------|---------------|--------------------|----------------|----------------|----------------|-------------|------------|-------------------------|-----------------|----------------------|
| Alelele                   | Stream                | EN                         | 6-5-20            |               | ?                  | ?              | ?              | ?              | ?           | ?          |                         | 3               |                      |
| E. Wailuaiki              | Stream                | EN                         | 6-4-16            |               | ?                  | ?              | ?              | ?              | ?           | ?          |                         | 3               |                      |
| Haipuaena                 | Stream                | EN                         | 6-4-07            |               | ?                  | ?              | ?              | ?              | ?           | ?          |                         | 3               |                      |
| Hanawi                    | Stream                | EN                         | 6-4-22            |               | ?                  | ?              | ?              | ?              | ?           | ?          |                         | 3               |                      |
| Hanehoi                   | Stream                | En                         | 6-3-11            |               | ?                  | ?              | ?              | ?              | ?           | ?          |                         | 3               |                      |
| Hawawana                  | Stream                | EN                         | 6-3-13            |               | ?                  | ?              | ?              | ?              | ?           | ?          |                         | 3               |                      |
| Hoalua                    | Stream                | EN                         | 6-3-12            |               | ?                  | ?              | ?              | ?              | ?           | ?          |                         | 3               |                      |
| Honokohau                 | Stream                | EN                         | 6-1-11            | Dry           | ?                  | A              | A              | A              | A           | A          |                         | 2,3             |                      |
| Honokohau                 | Stream                | EN                         | 6-1-11            | Wet           | ?                  | Ac             | Ac             | Ac             | A           | Ac         |                         | 2,3             |                      |
| Honokowai                 | Stream                | EN                         | 6-1-07            |               | ?                  | ?              | ?              | ?              | V           | ?          |                         | 3,5             | M                    |
| Honolua                   | Stream                | EN                         | 6-1-10            |               | ?                  | ?              | ?              | ?              | ?           | ?          |                         | 3               |                      |
| Honomanu                  | Stream                | EN                         | 6-4-09            |               | ?                  | ?              | ?              | ?              | ?           | ?          |                         | 3               |                      |
| Honopou                   | Stream                | EN                         | 6-3-08            | Wet           | ?                  | ?              | ?              | ?              | A           | ?          |                         | 2,3             |                      |
| Hoolawa                   | Stream                | EN                         | 6-3-09            |               | ?                  | ?              | ?              | ?              | ?           | ?          |                         | 3               |                      |
| Iao                       | Stream                | EN                         | 6-2-09            |               | ?                  | ?              | ?              | ?              | V           | ?          | Trash                   | 3,5             | M                    |
| Kaaiea                    | Stream                | EN                         | 6-4-02            |               | ?                  | ?              | ?              | ?              | ?           | ?          |                         | 3               |                      |
| Kahakuloa                 | Stream                | EN                         | 6-2-03            | Dry           | ?                  | A              | A              | A              | A           | A          |                         | 2,3             |                      |
| Kahakuloa                 | Stream                | EN                         | 6-2-03            | Wet           | ?                  | ?              | ?              | ?              | A           | ?          |                         | 2,3             |                      |
| Kahana                    | Stream                | EN                         | 6-1-08            |               | ?                  | ?              | ?              | ?              | V           | ?          |                         | 3,5             | M                    |
| Kahoma                    | Stream                | EN                         | 6-1-05            |               | ?                  | ?              | ?              | ?              | V           | ?          |                         | 3,5             | M                    |
| Kailua                    | Stream                | EN                         | 6-3-14            |               | ?                  | ?              | ?              | ?              | ?           | ?          |                         | 3               |                      |
| Kakipi                    | Stream                | EN                         | 6-3-07            |               | ?                  | ?              | ?              | ?              | ?           | ?          |                         | 3               |                      |
| Kauaula                   | Stream                | EN                         | 6-1-04            |               | ?                  | ?              | ?              | ?              | ?           | ?          |                         | 3               |                      |
| Kaupakulua                | Stream                | EN                         | 6-3-03            |               | ?                  | ?              | ?              | ?              | ?           | ?          |                         | 3               |                      |
| Kolea                     | Stream                | EN                         | 6-4-03            |               | ?                  | ?              | ?              | ?              | ?           | ?          |                         | 3               |                      |

**MAUI Stream Waters**

| Assessed Waterbody | Waterbody Type | Scope of Assessment | Geocode ID | Season | enterococci | Total N | NO3+NO2 | Total P | TURB | TSS | Other Pollutants | Category | TMDL Priority |
|--------------------|----------------|---------------------|------------|--------|-------------|---------|---------|---------|------|-----|------------------|----------|---------------|
| Kopiliula          | Stream         | EN                  | 6-4-17     |        | ?           | ?       | ?       | ?       | ?    | ?   |                  | 3        |               |
| Kuaiaha            | Stream         | EN                  | 6-3-02     |        | ?           | ?       | ?       | ?       | ?    | ?   |                  | 3        |               |
| Launiupoko         | Stream         | EN                  | 6-1-03     |        | ?           | ?       | ?       | ?       | ?    | ?   |                  | 3        |               |
| Makamakaole        | Stream         | EN                  | 6-2-06     | Dry    | ?           | A       | A       | A       | N    | A   |                  | 2,3,5    | L             |
| Makamakaole        | Stream         | EN                  | 6-2-06     | Wet    | ?           | A       | A       | A       | A    | A   |                  | 2,3      |               |
| Maliko             | Stream         | EN                  | 6-3-01     | Wet    | ?           | ?       | ?       | ?       | N1   | ?   |                  | 3,5      | L             |
| Manawaiiao         | Stream         | EN                  | 6-3-04     |        | ?           | ?       | ?       | ?       | ?    | ?   |                  | 3        |               |
| Nuaailua           | Stream         | EN                  | 6-4-10     |        | ?           | ?       | ?       | ?       | ?    | ?   |                  | 3        |               |
| Oheo               | Stream         | EN                  | 6-5-13     | Dry    | ?           | A       | A       | A       | Ac   | A   |                  | 2,3      |               |
| Oheo               | Stream         | EN                  | 6-5-13     | Wet    | ?           | Ac      | Ac      | Ac      | Ac   | Ac  |                  | 2,3      |               |
| Ohia               | Stream         | EN                  | 6-4-12     |        | ?           | V       | V       | V       | V    | ?   | Trash            | 3,5      | L             |
| Olowalu            | Stream         | EN                  | 6-1-02     |        | ?           | ?       | ?       | ?       | ?    | ?   |                  | 3        |               |
| Oopuola            | Stream         | EN                  | 6-4-01     |        | ?           | ?       | ?       | ?       | ?    | ?   |                  | 3        |               |
| Piinaau            | Stream         | EN                  | 6-4-11     |        | ?           | ?       | ?       | ?       | ?    | ?   |                  | 3        |               |
| Punalau            | Stream         | EN                  | 6-4-08     |        | ?           | ?       | ?       | ?       | ?    | ?   |                  | 3        |               |
| Puohokamoa         | Stream         | EN                  | 6-4-06     |        | ?           | ?       | ?       | ?       | ?    | ?   |                  | 3        |               |
| Uaoa               | Stream         | EN                  | 6-3-05     |        | ?           | ?       | ?       | ?       | ?    | ?   |                  | 3        |               |
| Ukumehame          | Stream         | EN                  | 6-1-01     | Dry    | ?           | A       | N       | A       | A    | A   |                  | 2,3,5    | L             |
| Ukumehame          | Stream         | EN                  | 6-1-01     | Wet    | ?           | Ac      | Ac      | Ac      | A    | Ac  |                  | 2,3      |               |
| W. Wailuaiki       | Stream         | EN                  | 6-4-15     |        | ?           | ?       | ?       | ?       | ?    | ?   |                  | 3        |               |
| Waiakamilo         | Stream         | EN                  | 6-4-13     |        | ?           | ?       | ?       | ?       | ?    | ?   |                  | 3        |               |
| Waiehu             | Stream         | EN                  | 6-2-08     |        | ?           | ?       | ?       | ?       | ?    | ?   |                  | 3        |               |
| Waihee             | Stream         | EN                  | 6-2-07     | Dry    | ?           | A       | A       | A       | A    | A   |                  | 2,3      |               |
| Waihee             | Stream         | EN                  | 6-2-07     | Wet    | ?           | V       | V       | V       | A    | Ac  |                  | 2,3,5    | L             |
| Waihikuli          | Stream         | EN                  | 6-1-06     |        | ?           | ?       | ?       | ?       | ?    | ?   |                  | 3        |               |

**MAUI Stream Waters**

| <b>Assessed Waterbody</b> | <b>Waterbody Type</b> | <b>Scope of Assessment</b> | <b>Geocode ID</b> | <b>Season</b> | <b>enterococci</b> | <b>Total N</b> | <b>NO3+NO2</b> | <b>Total P</b> | <b>TURB</b> | <b>TSS</b> | <b>Other Pollutants</b> | <b>Category</b> | <b>TMDL Priority</b> |
|---------------------------|-----------------------|----------------------------|-------------------|---------------|--------------------|----------------|----------------|----------------|-------------|------------|-------------------------|-----------------|----------------------|
| Waikamoi                  | Stream                | EN                         | 6-4-04            |               | ?                  | ?              | ?              | ?              | ?           | ?          |                         | 3               |                      |
| Waikapu                   | Stream                | EN                         | 6-2-10            | Dry           | ?                  | Ac             | ?              | Ac             | Nc          | Ac         |                         | 2,3,5           | L                    |
| Waikapu                   | Stream                | EN                         | 6-2-10            | Wet           | ?                  | Ac             | Ac             | Ac             | Ac          | Ac         |                         | 2,3             |                      |
| Waiolai                   | Stream                | EN                         | 6-2-05            |               | ?                  | ?              | ?              | ?              | ?           | ?          |                         | 3               |                      |
| Waipio                    | Stream                | EN                         | 6-3-10            | Wet           | ?                  | ?              | ?              | ?              | N1          | ?          |                         | 3,5             | L                    |

**MAUI Marine Waters**

| <b>Waterbody Type</b> | <b>Scope of Assessment</b>                | <b>Geocode ID</b> | <b>Wet/Dry Criteria</b> | <b>enterococci</b> | <b>Total N</b> | <b>NO3+NO2</b> | <b>Total P</b> | <b>TURB</b> | <b>chl-a</b> | <b>NH4</b> | <b>Other Pollutants</b> | <b>Category</b> | <b>TMDL Priority</b> |
|-----------------------|---|-------------------|-------------------------|--------------------|----------------|----------------|----------------|-------------|--------------|------------|-------------------------|-----------------|----------------------|
| <b>C</b>              | Ahihi-Kina'u Natural Area Reserve         | HIW00084          | dry                     | ?                  | ?              | ?              | ?              | ?           | ?            | ?          |                         | 3               |                      |
| C                     | Alaeloa Beach                             | HI616569          | dry                     | ?                  | ?              | ?              | ?              | ?           | ?            | ?          |                         | 3               |                      |
| C                     | Awalua Beach                              | HI839739          | dry                     | ?                  | ?              | ?              | ?              | ?           | ?            | ?          |                         | 3               |                      |
| C                     | Father Jules Papa                         | HI525524          | dry                     | ?                  | ?              | ?              | ?              | ?           | ?            | ?          |                         | 3               |                      |
| C                     | Fleming Beach North                       | HI253548          | dry                     | A                  | ?              | ?              | ?              | N           | N            | ?          |                         | 2,3,5           | M                    |
| C                     | H.A. Baldwin Beach Co. Pk.                | HI846900          | dry                     | A                  | ?              | ?              | ?              | N           | ?            | ?          |                         | 2,3,5           | L                    |
| C                     | Hamoia                                    | HI287670          | dry                     | ?                  | ?              | ?              | ?              | ?           | ?            | ?          |                         | 3               |                      |
| C                     | Hana Bay                                  | HI996835          | dry                     | ?                  | ?              | ?              | ?              | ?           | ?            | ?          |                         | 3               |                      |
| C                     | Hanaka'o'o Beach Co. Pk.                  | HI797917          | dry                     | <b>A</b>           | <b>A</b>       | N              | <b>N</b>       | N           | <b>N</b>     | <b>N</b>   |                         | <b>2,5</b>      | M                    |
| C                     | Hanaka'o'o station*                       | HIW00165          | dry                     | ?                  | ?              | N              | ?              | N           | ?            | ?          |                         | 3,5             | M                    |
| <b>C</b>              | <b>Hata's</b>                             | <b>HI553820</b>   | <b>dry</b>              | <b>A</b>           | <b>?</b>       | <b>?</b>       | <b>?</b>       | <b>?</b>    | <b>?</b>     | <b>?</b>   |                         | <b>2,3</b>      |                      |
| C                     | Honokeana Bay                             | HI229021          | dry                     | ?                  | ?              | ?              | ?              | ?           | ?            | ?          |                         | 3               |                      |
| C                     | Honokohau Bay                             | HI432902          | dry                     | ?                  | ?              | ?              | ?              | ?           | ?            | ?          |                         | 3               |                      |
| C                     | Honokowai Beach Co. Pk.                   | HI412391          | dry                     | <b>A</b>           | <b>A</b>       | <b>N</b>       | <b>A</b>       | N           | N            | <b>N</b>   |                         | <b>2,5</b>      | M                    |
| C                     | Honokowai Pt. to Kaanapali                | HIW00139          | dry                     | ?                  | N              | A              | A              | A           | A            | N          |                         | 2,3,5           | M                    |
| C                     | Honolua Bay                               | HI280286          | dry                     | <b>A</b>           | <b>N</b>       | <b>N</b>       | <b>N</b>       | ?           | <b>N</b>     | <b>N</b>   |                         | <b>2,3,5</b>    | <b>L</b>             |
| C                     | Honomanu Bay                              | HI985873          | wet                     | N                  | ?              | ?              | ?              | ?           | ?            | ?          |                         | 3,5             | L                    |
| C                     | Ho'okipa Beach Co. Pk.                    | HIW00024          | dry                     | A                  | ?              | ?              | ?              | N           | ?            | ?          |                         | 2,3,5           | L                    |
| C                     | H-Poko Papa                               | HI901232          | dry                     | ?                  | ?              | ?              | ?              | ?           | ?            | ?          |                         | 3               |                      |
| C                     | Huakini Bay                               | HI385800          | dry                     | ?                  | ?              | ?              | ?              | ?           | ?            | ?          |                         | 3               |                      |
| C                     | Ka'anapali (Kahekili Beach)               | HI643627          | dry                     | A                  | <b>A</b>       | <b>N</b>       | <b>A</b>       | N           | <b>A</b>     | <b>N</b>   |                         | 2,5             | M                    |
| C                     | Ka'anapali (Sheraton Kaanapali Shoreline) | HIW00022          | dry                     | <b>A</b>           | ?              | ?              | ?              | N           | N            | ?          |                         | <b>2,3,5</b>    | M                    |
| C                     | Kahana (Mahinahina Condo Shoreline)       | HI160433          | dry                     | <b>A</b>           | <b>N</b>       | <b>N</b>       | N              | N           | N            | <b>N</b>   |                         | <b>2,5</b>      | M                    |
| <b>C</b>              | <b>Kahului Bay</b>                        | <b>HIW00195</b>   | <b>dry</b>              | <b>?</b>           | <b>N</b>       | <b>N</b>       | <b>N</b>       | <b>?</b>    | <b>N</b>     | <b>N</b>   |                         | <b>3,5</b>      | <b>L</b>             |
| B                     | Kahului Harbor                            | HIW00104          | dry                     | A                  | ?              | ?              | ?              | N           | ?            | ?          |                         | 2,3,5           | L                    |
| B                     | Kahului Harbor (Bay)                      | HIW00105          | dry                     | ?                  | N              | N              | ?              | N           | N            | N          |                         | 3,5             | L                    |

**MAUI Marine Waters**

| <b>Waterbody Type</b> | <b>Scope of Assessment</b>   | <b>Geocode ID</b> | <b>Wet/Dry Criteria</b> | <b>enterococci</b> | <b>Total N</b> | <b>NO3+NO2</b> | <b>Total P</b> | <b>TURB</b> | <b>chl-a</b> | <b>NH4</b> | <b>Other Pollutants</b> | <b>Category</b> | <b>TMDL Priority</b> |
|-----------------------|--|-------------------|-------------------------|--------------------|----------------|----------------|----------------|-------------|--------------|------------|-------------------------|-----------------|----------------------|
| B                     | Kahului Harbor- inshore of breakwater                                | HIW00053          | dry                     | ?                  | V              | V              | V              | N           | ?            | ?          | Turb (Y)                | 3,5             | L                    |
| C                     | Kaihalulu Bay  | HI432263          | dry                     | ?                  | ?              | ?              | ?              | ?           | ?            | ?          |                         | 3               |                      |
| C                     | Ka'iili'iili Beach   | HI641844          | dry                     | ?                  | ?              | ?              | ?              | ?           | ?            | ?          |                         | 3               |                      |
| C                     | Kalama Beach Co. Park (Beach)  | HIW00023          | dry                     | A                  | N              | N              | <b>N</b>       | N           | N            | N          |                         | 2,5             | L                    |
| C                     | Kalama Beach Co. Park (Cove Park)                                    | HI705118          | dry                     | A                  | <b>N</b>       | <b>N</b>       | <b>N</b>       | ?           | <b>N</b>     | <b>N</b>   |                         | <b>2,3,5</b>    | <b>L</b>             |
| C                     | Kalama Beach station*  | HIW00168          | dry                     | ?                  | N              | N              | ?              | N           | N            | N          |                         | 3,5             | L                    |
| C                     | Kalepolepo (Waimahaihai)   | HIW00141          | dry                     | A                  | N              | N              | N              | N           | N            | N          |                         | 2,5             | L                    |
| C                     | Kalepolepo Beach   | HI647373          | dry                     | <b>A</b>           | ?              | ?              | ?              | ?           | ?            | ?          |                         | <b>2,3</b>      |                      |
| C                     | Kamaole Beach 1  | HI761092          | dry                     | A                  | <b>A</b>       | <b>N</b>       | <b>N</b>       | N           | N            | <b>N</b>   |                         | 2,5             | L                    |
| C                     | Kamaole Beach 2  | HI097179          | dry                     | A                  | ?              | ?              | ?              | N           | N            | ?          |                         | 2,3,5           | L                    |
| C                     | Kamaole Beach 3  | HI496115          | dry                     | A                  | ?              | ?              | ?              | N           | N            | ?          |                         | 2,3,5           | L                    |
| C                     | Kanaha Beach   | HI797225          | dry                     | A                  | ?              | ?              | N              | N           | N            | ?          |                         | 2,3,5           | L                    |
| C                     | Kanaha Beach (Kaa Shoreline)   | HIW00020          | dry                     | <b>A</b>           | ?              | ?              | N              | N           | N            | ?          |                         | <b>2,3,5</b>    | L                    |
| C                     | Kanaio Beach   | HI404881          | dry                     | ?                  | ?              | ?              | ?              | ?           | ?            | ?          |                         | 3               |                      |
| C                     | Kapalua (Fleming's) Beach  | HI391006          | dry                     | A                  | N              | N              | A              | N           | N            | N          |                         | 2,5             | M                    |
| C                     | Kapoli Beach Co. Park  | HI599968          | dry                     | ?                  | ?              | ?              | ?              | ?           | ?            | ?          |                         | 3               |                      |
| C                     | Kea'a Beach  | HI593477          | dry                     | ?                  | ?              | ?              | ?              | ?           | ?            | ?          |                         | 3               |                      |
| C                     | Ke'anae  | HI959746          | wet                     | ?                  | ?              | ?              | ?              | ?           | ?            | ?          |                         | 3               |                      |
| C                     | Keawakapu Beach  | HI607763          | dry                     | A                  | ?              | ?              | ?              | N           | N            | ?          |                         | 2,3,5           | L                    |
| C                     | Keonenui Beach   | HI199865          | dry                     | ?                  | ?              | ?              | ?              | ?           | ?            | ?          |                         | 3               |                      |
| C                     | Kihei Coast- nearshore waters to 60' from Kihei North - Kalama Beach | HIW00056          | dry                     | ?                  | Y              | Y              | Y              | N           | ?            | ?          | nutrients, TSS (Y)      | 3,5             | L                    |
| C                     | Kihei Coast-Cove Park*   | HIW00167          | <b>dry</b>              | ?                  | N              | N              | ?              | N           | N            | ?          |                         | 3,5             | L                    |
| C                     | Kihei Coast-Estuary Boat Ramp  | HIW00166          | <b>dry</b>              | ?                  | N              | N              | ?              | N           | ?            | ?          |                         | 3,5             | L                    |
| C                     | Kihei Coast-Kalepolepo   | HIW00039          | <b>dry</b>              | ?                  | N              | N              | ?              | N           | N            | ?          |                         | 3,5             | L                    |
| E                     | Kihei Coast-Kaonoulu Estuary   | HIW00040          | <b>na</b>               | ?                  | N              | N              | ?              | N           | N            | ?          |                         | 3,5             | L                    |

**MAUI Marine Waters**

| <b>Waterbody Type</b> | <b>Scope of Assessment</b>                        | <b>Geocode ID</b> | <b>Wet/Dry Criteria</b> | <b>enterococci</b> | <b>Total N</b> | <b>NO3+NO2</b> | <b>Total P</b> | <b>TURB</b> | <b>chl-a</b> | <b>NH4</b> | <b>Other Pollutants</b> | <b>Category</b> | <b>TMDL Priority</b> |
|-----------------------|---|-------------------|-------------------------|--------------------|----------------|----------------|----------------|-------------|--------------|------------|-------------------------|-----------------|----------------------|
| E                     | Kihei Coast-Kealia Pond                           | HIW00070          | <i>na</i>               | ?                  | ?              | ?              | ?              | ?           | N            | ?          |                         | 3,5             | H                    |
| C                     | Kihei Coast-Keawakapu*                            | HIW00074          | <i>dry</i>              | ?                  | ?              | N              | ?              | ?           | N            | ?          |                         | 3,5             | L                    |
| C                     | Kihei Coast-Kulanihakoi                           | HIW00043          | <i>dry</i>              | ?                  | N              | N              | ?              | N           | N            | N          |                         | 3,5             | L                    |
| C                     | Kihei Coast-Lipoa-South                           | HIW00072          | <i>dry</i>              | ?                  | ?              | ?              | ?              | N           | N            | ?          |                         | 3,5             | L                    |
| C                     | Kihei Coast-Luana Kai                             | HIW00041          | <i>dry</i>              | ?                  | N              | N              | ?              | N           | N            | N          |                         | 3,5             | L                    |
| C                     | Kihei Coast-Maui Coast                            | HIW00073          | <i>dry</i>              | ?                  | ?              | N              | ?              | N           | N            | ?          |                         | 3,5             | L                    |
| C                     | Kihei Coast-Mokulele                              | HIW00042          | <i>dry</i>              | ?                  | N              | N              | ?              | N           | N            | ?          |                         | 3,5             | L                    |
| C                     | Kihei Coast-South Kam II                          | HIW00071          | <i>dry</i>              | ?                  | ?              | N              | ?              | ?           | N            | ?          |                         | 3,5             | L                    |
| C                     | Koki Beach Park (VFW)                             | HI650469          | dry                     | ?                  | ?              | ?              | ?              | ?           | ?            | ?          |                         | 3               |                      |
| C                     | Ku'au Bay   | HI276573          | dry                     | <b>A</b>           | ?              | ?              | ?              | ?           | ?            | ?          |                         | <b>2,3</b>      |                      |
| C                     | Kuiaha Bay  | HI852861          | dry                     | ?                  | ?              | ?              | ?              | ?           | ?            | ?          |                         | 3               |                      |
| C                     | La Perouse Bay                                    | HI674004          | dry                     | ?                  | ?              | ?              | ?              | ?           | ?            | ?          |                         | 3               |                      |
| <b>C</b>              | <b>Lahaina Beach</b>                              | <b>HI407363</b>   | <b>dry</b>              | <b>A</b>           | <b>?</b>       | <b>?</b>       | <b>?</b>       | <b>?</b>    | <b>?</b>     | <b>?</b>   |                         | <b>2,3</b>      |                      |
| <b>B</b>              | Lahaina Harbor                                    | HIW00137          | dry                     | ?                  | ?              | ?              | ?              | N           | ?            | ?          |                         | 3,5             | M                    |
| C                     | Launiupoko St. Wayside Park                       | HI558359          | dry                     | A                  | ?              | ?              | ?              | N           | ?            | ?          |                         | 2,3,5           | M                    |
| C                     | Leho'ula Beach                                    | HI884223          | dry                     | ?                  | ?              | ?              | ?              | ?           | ?            | ?          |                         | 3               |                      |
| C                     | Lower Pa'ia (Pa'ia Outfall station)               | HI864937          | dry                     | A                  | ?              | ?              | ?              | N           | ?            | ?          |                         | 2,3,5           | L                    |
| C                     | Ma'alaea Beach                                    | HI058731          | dry                     | A                  | ?              | ?              | ?              | N           | N            | ?          |                         | 2,3,5           | L                    |
| <b>B</b>              | Ma'alaea Boat Harbor station*                     | HIW00082          | dry                     | ?                  | N              | N              | ?              | N           | N            | ?          |                         | 3,5             | L                    |
| B                     | Ma'alaea Small Boat Harbor                        | HIW00140          | dry                     | ?                  | ?              | ?              | ?              | N           | N            | ?          |                         | 3,5             | L                    |
| C                     | Mai Poina Oe Iau Beach Co. Pk.                    | HIW00025          | dry                     | A                  | ?              | ?              | ?              | N           | ?            | ?          |                         | 2,3,5           | L                    |
| C                     | Mai Poina Oe Iau Beach Co. Pk. (Kihei N. station) | HI715975          | dry                     | <b>A</b>           | ?              | ?              | N              | N           | N            | ?          |                         | <b>2,3,5</b>    | L                    |
| C                     | Maka'ala Pt.                                      | HI978171          | dry                     | ?                  | ?              | ?              | ?              | ?           | ?            | ?          |                         | 3               |                      |
| C                     | Makena Landing Beach                              | HI245556          | dry                     | <b>A</b>           | ?              | ?              | ?              | ?           | ?            | ?          |                         | <b>2,3</b>      |                      |
| C                     | Makena Landing-Maluaka Beach                      | HIW00142          | dry                     | ?                  | N              | N              | A              | A           | N            | N          |                         | 2,3,5           | L                    |
| C                     | Mala Wharf  | HIW00171          | dry                     | N                  | ?              | ?              | N              | N           | N            | ?          |                         | 3,5             | M                    |

**MAUI Marine Waters**

| <b>Waterbody Type</b> | <b>Scope of Assessment</b>                    | <b>Geocode ID</b> | <b>Wet/Dry Criteria</b> | <b>enterococci</b> | <b>Total N</b> | <b>NO3+NO2</b> | <b>Total P</b> | <b>TURB</b> | <b>chl-a</b> | <b>NH4</b> | <b>Other Pollutants</b> | <b>Category</b> | <b>TMDL Priority</b> |
|-----------------------|---|-------------------|-------------------------|--------------------|----------------|----------------|----------------|-------------|--------------|------------|-------------------------|-----------------|----------------------|
| C                     | Mala Wharf area                               | HIW00138          | dry                     | ?                  | N              | N              | A              | N           | N            | N          |                         | 2,3,5           | L                    |
| C                     | Mala Wharf-West Maui Coast                    | HIW00123          | dry                     | ?                  | ?              | ?              | ?              | N           | N            | ?          |                         | 3,5             | M                    |
| C                     | Maliko Bay                                    | HI423064          | dry                     | <b>N</b>           | ?              | ?              | ?              | ?           | ?            | ?          |                         | <b>3,5</b>      | <b>L</b>             |
| C                     | Malu'aka Beach                                | HI847607          | dry                     | <b>A</b>           | ?              | ?              | ?              | ?           | ?            | ?          |                         | <b>2,3</b>      |                      |
| C                     | Mantokuji Bay                                 | HI482300          | dry                     | ?                  | ?              | ?              | ?              | ?           | ?            | ?          |                         | 3               |                      |
| C                     | McGregor Pt.                                  | HI227321          | dry                     | ?                  | ?              | ?              | ?              | ?           | ?            | ?          |                         | 3               |                      |
| C                     | Mokapu Beach Park                             | HI861961          | dry                     | <b>A</b>           | ?              | ?              | ?              | ?           | ?            | ?          |                         | <b>2,3</b>      |                      |
| C                     | Mokulau                                       | HI519980          | wet                     | ?                  | ?              | ?              | ?              | ?           | ?            | ?          |                         | 3               |                      |
| C                     | Mokule'ia Beach                               | HI977299          | dry                     | <b>A</b>           | ?              | ?              | ?              | ?           | ?            | ?          |                         | <b>2,3</b>      |                      |
| C                     | Nahiku  | HI983172          | wet                     | ?                  | ?              | ?              | ?              | ?           | ?            | ?          |                         | 3               |                      |
| C                     | Napili Bay                                    | HI764060          | dry                     | <b>A</b>           | <b>A</b>       | <b>N</b>       | <b>N</b>       | ?           | <b>N</b>     | <b>N</b>   |                         | <b>2,3,5</b>    | <b>L</b>             |
| C                     | Nu'u Bay                                      | HI176594          | dry                     | ?                  | ?              | ?              | ?              | ?           | ?            | ?          |                         | 3               |                      |
| C                     | Olowalu (Shorefront)                          | HIW00021          | dry                     | <b>A</b>           | ?              | ?              | ?              | N           | N            | ?          |                         | <b>2,3,5</b>    | L                    |
| C                     | Olowalu (Teen Challenge)                      | HI491359          | dry                     | A                  | ?              | ?              | ?              | N           | ?            | ?          |                         | 2,3,5           | L                    |
| <b>C</b>              | <b>Oneloa Bay Beach</b>                       | <b>HI740710</b>   | <b>dry</b>              | <b>A</b>           | <b>?</b>       | <b>?</b>       | <b>?</b>       | <b>?</b>    | <b>?</b>     | <b>?</b>   |                         | <b>2,3</b>      |                      |
| C                     | Oneloa Beach (Big Beach) (Makena Bch Station) | HI279887          | dry                     | <b>A</b>           | ?              | ?              | ?              | N           | N            | ?          |                         | <b>2,3,5</b>    | L                    |
| C                     | Oneloa Beach (Big Beach)-Ahihi-Kinau          | HIW00144          | dry                     | ?                  | N              | N              | A              | A           | N            | N          |                         | 2,3,5           | L                    |
| C                     | Oneuli Beach                                  | HI756040          | dry                     | <b>A</b>           | N              | N              | A              | A           | N            | N          |                         | 2,5             | L                    |
| C                     | Palauea Beach Park                            | HI997014          | dry                     | <b>A</b>           | ?              | ?              | ?              | ?           | ?            | ?          |                         | <b>2,3</b>      |                      |
| C                     | Papalaua                                      | <b>HI462219</b>   | dry                     | <b>A</b>           | ?              | ?              | ?              | ?           | ?            | ?          |                         | <b>2,3</b>      |                      |
| C                     | Pepeiaolepo Bay                               | HI136430          | wet                     | ?                  | ?              | ?              | ?              | ?           | ?            | ?          |                         | 3               |                      |
| C                     | Polo Beach Park                               | HI339656          | dry                     | <b>A</b>           | ?              | ?              | ?              | ?           | ?            | ?          |                         | <b>2,3</b>      |                      |
| C                     | Po'olenalena Beach                            | HI684864          | dry                     | <b>A</b>           | ?              | ?              | ?              | ?           | ?            | ?          |                         | <b>2,3</b>      |                      |
| C                     | Poolenalena-Makena Landing                    | HIW00143          | dry                     | ?                  | N              | N              | A              | A           | N            | N          |                         | 2,3,5           | L                    |
| C                     | Puamana Beach Co. Park                        | HI167153          | dry                     | <b>A</b>           | ?              | ?              | ?              | ?           | ?            | ?          |                         | <b>2,3</b>      |                      |
| C                     | Punalau                                       | HI641109          | dry                     | ?                  | ?              | ?              | ?              | ?           | ?            | ?          |                         | 3               |                      |

**MAUI Marine Waters**

| <b>Waterbody Type</b> | <b>Scope of Assessment</b>                                      | <b>Geocode ID</b> | <b>Wet/Dry Criteria</b> | <b>enterococci</b> | <b>Total N</b> | <b>NO3+NO2</b> | <b>Total P</b> | <b>TURB</b> | <b>chl-a</b> | <b>NH4</b> | <b>Other Pollutants</b> | <b>Category</b> | <b>TMDL Priority</b> |
|-----------------------|---|-------------------|-------------------------|--------------------|----------------|----------------|----------------|-------------|--------------|------------|-------------------------|-----------------|----------------------|
| C                     | Pu'u ola'i (Small Beach)  | HI157533          | dry                     | <b>A</b>           | ?              | ?              | ?              | ?           | ?            | ?          |                         | <b>2,3</b>      |                      |
| C                     | Pu'unoa Beach   | HI373055          | dry                     | A                  | ?              | ?              | ?              | N           | ?            | ?          |                         | 2,3,5           | M                    |
| C                     | Spreckelsville  | HI789952          | dry                     | A                  | ?              | ?              | ?              | N           | ?            | ?          |                         | 2,3,5           | L                    |
| C                     | Ukumehame Beach Co. Pk.   | HI814309          | dry                     | <b>A</b>           | ?              | ?              | ?              | ?           | ?            | ?          |                         | <b>2,3</b>      |                      |
| C                     | Ulua Beach Park   | HI588333          | dry                     | <b>A</b>           | ?              | ?              | ?              | N           | N            | ?          |                         | <b>2,3,5</b>    | L                    |
| C                     | Wahikuli State Wayside Park                                     | HI169380          | dry                     | <b>A</b>           | ?              | ?              | ?              | N           | N            | ?          |                         | <b>2,3,5</b>    | M                    |
| C                     | Wai'anapanapa State Park  | HI118874          | dry                     | ?                  | ?              | ?              | ?              | ?           | ?            | ?          |                         | 3               |                      |
| C                     | Waiehu Beach Co. Park   | HI916183          | wet                     | <b>A</b>           | ?              | ?              | ?              | ?           | ?            | ?          |                         | <b>2,3</b>      |                      |
| C                     | Waihe'e   | HI343702          | wet                     | <b>A</b>           | ?              | ?              | ?              | ?           | ?            | ?          |                         | <b>2,3</b>      |                      |
| C                     | Waikoloa Beach  | HI796679          | dry                     | ?                  | ?              | ?              | ?              | ?           | ?            | ?          |                         | 3               |                      |
| C                     | Wailea Beach Park   | HI278988          | dry                     | A                  | ?              | ?              | ?              | N           | ?            | ?          |                         | 2,3,5           | L                    |
| C                     | Waimaha'ihai Beach  | HI236756          | dry                     | ?                  | ?              | ?              | ?              | ?           | ?            | ?          |                         | 3               |                      |
| <b>C</b>              | <b>Waipulani</b>  | <b>HI284036</b>   | <b>dry</b>              | <b>A</b>           | <b>?</b>       | <b>?</b>       | <b>?</b>       | <b>?</b>    | <b>?</b>     | <b>?</b>   |                         | <b>2,3</b>      |                      |
| C                     | West Maui Coast-Hanakeana Cove                                  | HIW00044          | <b>dry</b>              | ?                  | N              | N              | ?              | N           | N            | ?          |                         | 3,5             | M                    |
| C                     | West Maui Coast-Kahana Cove                                     | HIW00045          | <b>dry</b>              | ?                  | N              | N              | ?              | N           | N            | ?          |                         | 3,5             | M                    |
| C                     | West Maui Coast-Kahana Sunset                                   | HIW00075          | <b>dry</b>              | ?                  | ?              | N              | ?              | N           | N            | ?          |                         | 3,5             | M                    |
| C                     | West Maui Coast-Kahana Village                                  | HIW00076          | <b>dry</b>              | ?                  | ?              | ?              | ?              | N           | N            | ?          |                         | 3,5             | M                    |
| C                     | West Maui Coast-Kaopala Bay                                     | HIW00046          | <b>dry</b>              | ?                  | N              | N              | ?              | N           | N            | N          |                         | 3,5             | M                    |
| C                     | West Maui Coast-Lokelani  | HIW00077          | <b>dry</b>              | ?                  | ?              | N              | ?              | N           | N            | ?          |                         | 3,5             | M                    |
| C                     | West Maui Coast-Napili Bay                                      | HIW00078          | <b>dry</b>              | ?                  | ?              | N              | ?              | N           | N            | ?          |                         | 3,5             | M                    |
| C                     | West Maui Coast-nearshore waters to 60' from Honolulu - Lahaina | HIW00060          |                         | ?                  | Y              | Y              | Y              | N           | ?            | ?          | nutrients, TSS (Y)      | 3,5             | M                    |
| C                     | West Maui Coast-S-Turns (Pohaku)                                | HIW00047          |                         | ?                  | N              | N              | ?              | N           | N            | ?          |                         | 3,5             | M                    |
| <b>C</b>              | <b>West Maui-Honokowai Watershed</b>                            | <b>HIW00208</b>   | <b>dry</b>              | <b>?</b>           | <b>?</b>       | <b>?</b>       | <b>?</b>       | <b>?</b>    | <b>?</b>     | <b>?</b>   |                         | <b>3</b>        |                      |
| <b>C</b>              | <b>West Maui-Kahana Watershed</b>                               | <b>HIW00207</b>   | <b>dry</b>              | <b>?</b>           | <b>?</b>       | <b>?</b>       | <b>?</b>       | <b>?</b>    | <b>?</b>     | <b>?</b>   |                         | <b>3</b>        |                      |
| C                     | West Maui-Papakea   | HIW00079          | <b>dry</b>              | ?                  | ?              | ?              | ?              | N           | N            | ?          |                         | 3,5             | M                    |

**MAUI Marine Waters**

| <b>Waterbody Type</b> | <b>Scope of Assessment</b>                 | <b>Geocode ID</b>      | <b>Wet/Dry Criteria</b> | <b>enterococci</b> | <b>Total N</b> | <b>NO3+NO2</b> | <b>Total P</b> | <b>TURB</b> | <b>chl-a</b> | <b>NH4</b> | <b>Other Pollutants</b> | <b>Category</b> | <b>TMDL Priority</b> |
|-----------------------|--|------------------------|-------------------------|--------------------|----------------|----------------|----------------|-------------|--------------|------------|-------------------------|-----------------|----------------------|
| C                     | West Maui-Puamana                          | HIW00080               | <i>dry</i>              | ?                  | ?              | ?              | ?              | N           | N            | ?          |                         | 3,5             | M                    |
| <b>C</b>              | <b><i>West Maui-Wahikuli Watershed</i></b> | <b><i>HIW00209</i></b> | <b><i>dry</i></b>       | <b>?</b>           | <b>?</b>       | <b>?</b>       | <b>?</b>       | <b>?</b>    | <b>?</b>     | <b>?</b>   |                         | <b>3</b>        |                      |

**HAWAII (BIG ISLAND) Stream Waters**

| Assessed Waterbody | Waterbody Type | Scope of Assessment | Geocode ID  | Season | enterococci | Total N | NO3+NO2 | Total P | TURB | TSS | Other Pollutants | Category | TMDL Priority |
|--------------------|----------------|---------------------|-------------|--------|-------------|---------|---------|---------|------|-----|------------------|----------|---------------|
| Aamakao            | Stream         | EN                  | 8-1-12      | Dry    | ?           | A       | A       | A       | N    | A   |                  | 2,3,5    | L             |
| Aamakao            | Stream         | EN                  | 8-1-12      | Wet    | ?           | A       | A       | A       | A    | A   |                  | 2,3      |               |
| Alenaio            | Stream         | EN                  | 8-2-61.01.1 |        | ?           | V       | V       | V       | ?    | ?   |                  | 3,5      | H (IP)        |
| Hakalau            | Stream         | EN                  | 8-2-32      |        | ?           | V       | V       | V       | V    | ?   |                  | 3,5      | M             |
| Halawa             | Stream         | EN                  | 8-1-11      |        | ?           | ?       | ?       | ?       | ?    | ?   |                  | 3        |               |
| Halelua            | Stream         | EN                  | 8-1-10      | Wet    | ?           | ?       | ?       | ?       | N1c  | ?   |                  | 3,5      | L             |
| Hanaula            | Stream         | EN                  | 8-1-06      |        | ?           | ?       | ?       | ?       | ?    | ?   |                  | 3        |               |
| Hapahapai          | Stream         | EN                  | 8-1-07      |        | ?           | ?       | ?       | ?       | ?    | ?   |                  | 3        |               |
| Honolii            | Stream         | EN                  | 8-2-56      | Dry    | ?           | A       | A       | A       | N    | A   |                  | 2,3,5    | L             |
| Honolii            | Stream         | EN                  | 8-2-56      | Wet    | ?           | A       | A       | A       | A    | A   |                  | 2,3      |               |
| Kaieie             | Stream         | EN                  | 8-2-49      | Dry    | ?           | A       | A       | A       | ?    | A   |                  | 2,3      |               |
| Kaieie             | Stream         | EN                  | 8-2-49      | Wet    | ?           | V       | V       | V       | ?    | ?   |                  | 3,5      | L             |
| Kalaoa             | Stream         | EN                  | 8-2-47      | Both   | ?           | Ac      | Ac      | Ac      | Ac   | Ac  |                  | 2,3      |               |
| Kalaoa             | Stream         | EN                  | 8-2-47      | Dry    | ?           | Ac      | Ac      | Ac      | A    | Ac  |                  | 2,3      |               |
| Kapehu             | Stream         | EN                  | 8-2-37      | Dry    | ?           | Ac      | N       | A       | N    | A   |                  | 2,3,5    | L             |
| Kapehu             | Stream         | EN                  | 8-2-37      | Wet    | ?           | A       | A       | A       | A    | A   |                  | 2,3      |               |
| Kapue              | Stream         | EN                  | 8-2-53      | Dry    | ?           | Ac      | Ac      | Ac      | N    | Ac  |                  | 2,3,5    | L             |
| Kapue              | Stream         | EN                  | 8-2-53      | Wet    | ?           | Ac      | Ac      | Ac      | ?    | Ac  |                  | 2,3      |               |
| Kapulena           | Stream         | EN                  | 8-1-52      |        | ?           | ?       | ?       | ?       | ?    | ?   |                  | 3        |               |
| Kawaikalia         | Stream         | EN                  | 8-1-53      |        | ?           | ?       | ?       | ?       | ?    | ?   |                  | 3        |               |
| Kolekole           | Stream         | EN                  | 8-2-33      | Dry    | ?           | A       | A       | A       | A    | A   |                  | 2,3      |               |
| Kolekole           | Stream         | EN                  | 8-2-33      | Wet    | ?           | A       | A       | A       | A    | A   |                  | 2,3      |               |
| Kumakua            | Stream         | EN                  | 8-1-03      |        | ?           | ?       | ?       | ?       | ?    | ?   |                  | 3        |               |
| Lalakea            | Stream         | EN                  | 8-1-45      | Dry    | ?           | Ac      | Ac      | Ac      | N    | Ac  |                  | 2,3,5    | L             |
| Lalakea            | Stream         | EN                  | 8-1-45      | Wet    | ?           | Ac      | Ac      | Ac      | A    | Ac  |                  | 2,3      |               |

**HAWAII (BIG ISLAND) Stream Waters**

| Assessed Waterbody | Waterbody Type | Scope of Assessment | Geocode ID | Season | enterococci | Total N | NO3+NO2 | Total P | TURB | TSS | Other Pollutants | Category | TMDL Priority |
|--------------------|----------------|---------------------|------------|--------|-------------|---------|---------|---------|------|-----|------------------|----------|---------------|
| Maili              | Stream         | EN                  | 8-2-57     | Dry    | ?           | Ac      | Ac      | Ac      | N    | Ac  |                  | 2,3,5    | L             |
| Maili              | Stream         | EN                  | 8-2-57     | Wet    | ?           | Ac      | Ac      | Ac      | Ac   | Ac  |                  | 2,3      |               |
| Nanue              | Stream         | EN                  | 8-2-27     |        | ?           | ?       | ?       | ?       | ?    | ?   |                  | 3        |               |
| Nienie             | Stream         | EN                  | 8-1-61     |        | ?           | ?       | ?       | ?       | ?    | ?   |                  | 3        |               |
| Niulii             | Stream         | EN                  | 8-1-13     | Dry    | ?           | A       | A       | A       | N    | A   |                  | 2,3,5    | L             |
| Niulii             | Stream         | EN                  | 8-1-13     | Wet    | ?           | A       | A       | A       | A    | A   |                  | 2,3      |               |
| Paheehee           | Stream         | EN                  | 8-2-34     | Dry    | ?           | Ac      | Ac      | Ac      | A    | Ac  |                  | 2,3      |               |
| Paheehee           | Stream         | EN                  | 8-2-34     | Wet    | ?           | Ac      | Ac      | Ac      | Ac   | Ac  |                  | 2,3      |               |
| Pali Akamoa        | Stream         | EN                  | 8-1-08     |        | ?           | ?       | ?       | ?       | ?    | ?   |                  | 3        |               |
| Pololu             | Stream         | EN                  | 8-1-15     | Dry    | ?           | ?       | ?       | ?       | ?    | ?   |                  | 3        |               |
| Pololu             | Stream         | EN                  | 8-1-15     | Wet    | ?           | ?       | ?       | ?       | Ac   | ?   |                  | 2,3      |               |
| Pukihae            | Stream         | EN                  | 8-2-59     | Dry    | ?           | Ac      | Ac      | Ac      | A    | Ac  |                  | 2,3      |               |
| Pukihae            | Stream         | EN                  | 8-2-59     | Wet    | ?           | Ac      | Ac      | Ac      | Ac   | Ac  |                  | 2,3      |               |
| Waiakea            | Stream         | EN                  | 8-2-61     |        | ?           | V       | V       | V       | ?    | ?   |                  | 3,5      | H (IP)        |
| Waialeale          | Stream         | EN                  | 8-1-50     |        | ?           | ?       | ?       | ?       | ?    | ?   |                  | 3        |               |
| Waikama            | Stream         | EN                  | 8-1-14     | Dry    | ?           | A       | A       | A       | N    | A   |                  | 2,3,5    | L             |
| Waikama            | Stream         | EN                  | 8-1-14     | Wet    | ?           | A       | A       | A       | A    | A   |                  | 2,3      |               |
| Waikoloa           | Stream         | EN                  | 8-1-51     |        | ?           | ?       | ?       | ?       | ?    | ?   |                  | 3        |               |
| Wailoa             | Estuary        | EE                  | 8-2-61-E   |        | ?           | V       | V       | V       | V    | ?   |                  | 3,5      | M             |
| Wailoa/Waipio      | Stream         | EN                  | 8-1-44     | Dry    | ?           | N       | N       | N       | A    | A   |                  | 2,3,5    | L             |
| Wailoa/Waipio      | Stream         | EN                  | 8-1-44     | Wet    | ?           | Nc      | N1      | Ac      | A    | Ac  |                  | 2,3,5    | L             |
| Wailuku            | Stream         | EN                  | 8-2-60     | Dry    | ?           | A       | N       | A       | A    | A   |                  | 2,3,5    | L             |
| Wailuku            | Stream         | EN                  | 8-2-60     | Wet    | ?           | A       | A       | A       | A    | A   |                  | 2,3      |               |
| Wainaia            | Stream         | EN                  | 8-1-09     | Dry    | ?           | Ac      | Ac      | Ac      | ?    | Ac  |                  | 2,3      |               |
| Wainaia            | Stream         | EN                  | 8-1-09     | Wet    | ?           | Ac      | Ac      | Ac      | N    | Ac  |                  | 2,3,5    | L             |

**HAWAII (BIG ISLAND) Stream Waters**

| <b>Assessed Waterbody</b> | <b>Waterbody Type</b> | <b>Scope of Assessment</b> | <b>Geocode ID</b> | <b>Season</b> | <b>enterococci</b> | <b>Total N</b> | <b>NO3+NO2</b> | <b>Total P</b> | <b>TURB</b> | <b>TSS</b> | <b>Other Pollutants</b> | <b>Category</b> | <b>TMDL Priority</b> |
|---------------------------|-----------------------|----------------------------|-------------------|---------------|--------------------|----------------|----------------|----------------|-------------|------------|-------------------------|-----------------|----------------------|
| Waipunahoe                | Stream                | EN                         | 8-1-49            |               | ?                  | ?              | ?              | ?              | ?           | ?          |                         | 3               |                      |
| Waipunalau                | Stream                | EN                         | 8-1-77            |               | ?                  | ?              | ?              | ?              | ?           | ?          |                         | 3               |                      |
| Waiulili                  | Stream                | EN                         | 8-1-47            | Dry           | ?                  | ?              | ?              | ?              | ?           | ?          |                         | 3               |                      |
| Waiulili                  | Stream                | EN                         | 8-1-47            | Wet           | ?                  | ?              | ?              | ?              | Ac          | ?          |                         | 2,3             |                      |

HAWAII (BIG ISLAND) Marine Waters

| Waterbody Type | Scope of Assessment   | Geocode ID      | Wet/Dry Criteria | enterococci | Total N  | NO3+NO2  | Total P  | TURB     | chl-a    | NH4      | Other Pollutants | Category   | TMDL Priority |
|----------------|---|-----------------|------------------|-------------|----------|----------|----------|----------|----------|----------|------------------|------------|---------------|
| K              | 2nd Beach (next to Mahaiula)  | HI616452        | na               | <b>A</b>    | ?        | ?        | ?        | ?        | ?        | ?        |                  | 2,3        |               |
| K              | Anaeho'omalua Bay   | HI326172        | na               | A           | ?        | ?        | ?        | ?        | ?        | ?        |                  | 2,3        |               |
| C              | Analani Pond (Puala'a)  | HI707059        | dry              | A           | ?        | ?        | ?        | ?        | ?        | ?        |                  | 2,3        |               |
| K              | Banyan's Surfing Area   | HI713314        | na               | <b>N</b>    | ?        | ?        | ?        | ?        | ?        | ?        |                  | 3,5        | <b>L</b>      |
| C              | Hakalau Co. Pk.   | HI138086        | wet              | <b>A</b>    | ?        | ?        | ?        | ?        | ?        | ?        |                  | 2,3        |               |
| C              | Halape Shelter  | HI645539        | dry              | ?           | ?        | ?        | ?        | ?        | ?        | ?        |                  | 3          |               |
| K              | Hapuna Beach St. Rec. Area  | HI621002        | na               | A           | N        | N        | N        | N        | N        | N        |                  | 2,5        | L             |
| B              | Hilo Bay (Boat Landing)   | HIW00027        | wet              | <b>A</b>    | ?        | ?        | ?        | ?        | N        | ?        |                  | 2,3,5      | L             |
| B              | Hilo Bay (Canoe Beach)  | HI315019        | wet              | <b>A</b>    | <b>N</b> | <b>N</b> | <b>N</b> | N        | <b>A</b> | <b>N</b> |                  | 2,5        | L             |
| B              | Hilo Bay (Coconut Isle)   | HI977673        | wet              | A           | ?        | ?        | ?        | ?        | ?        | ?        |                  | 2,3        |               |
| B              | Hilo Bay (Exit of Ice Pond)   | HI659453        | wet              | A           | N        | N        | N        | ?        | A        | A        |                  | 2,3,5      | L             |
| B              | Hilo Bay (Lighthouse)   | HIW00028        | wet              | <b>A</b>    | A        | N        | A        | N        | <b>A</b> | N        |                  | 2,5        | L             |
| B              | Hilo Bay (Offshore)   | HIW00031        | wet              | ?           | ?        | N        | ?        | N        | N        | N        |                  | 3,5        | L             |
| B              | Hilo Bay- inshore of breakwater and nearshore waters from Wainaku to Paukaa | HIW00098        | wet              | ?           | V        | V        | V        | N        | ?        | ?        | nutrients        | 3,5        | L             |
| <b>K</b>       | <b>Holoholokai</b>  | <b>HI852331</b> | <b>na</b>        | <b>A</b>    | <b>?</b> | <b>?</b> | <b>?</b> | <b>?</b> | <b>?</b> | <b>?</b> |                  | <b>2,3</b> |               |
| K              | Honaunau Bay  | HIW00176        | na               | ?           | ?        | ?        | ?        | ?        | ?        | ?        |                  | 3          |               |
| <b>K</b>       | <b>Honaunau Bay (2 Step)</b>  | <b>HI246645</b> | <b>na</b>        | <b>A</b>    | <b>?</b> | <b>?</b> | <b>?</b> | <b>?</b> | <b>?</b> | <b>?</b> |                  | <b>2,3</b> |               |
| K              | Honokohau Beach   | HI315174        | na               | ?           | N        | N        | N        | N        | A        | N        | PO4(N)           | 2,3,5      | L             |
| B              | Honokohau Boat Harbor   | HIW00099        | <b>dry</b>       | ?           | ?        | ?        | ?        | ?        | ?        | ?        |                  | 3          |               |
| C              | Honoli'i Beach Co. Park   | HI857411        | wet              | <b>A</b>    | ?        | ?        | ?        | N        | ?        | ?        |                  | 2,3,5      | L             |
| <b>C</b>       | <b>Ho'okena</b>   | <b>HI152572</b> | <b>dry</b>       | <b>A</b>    | <b>?</b> | <b>?</b> | <b>?</b> | <b>?</b> | <b>?</b> | <b>?</b> |                  | <b>2,3</b> |               |
| E              | James Kealoha Park  | HI670254        | <b>na</b>        | A           | ?        | ?        | ?        | ?        | ?        | ?        |                  | 2,3        |               |
| C              | Ka Lae (South Point)  | HI107517        | dry              | ?           | ?        | ?        | ?        | ?        | ?        | ?        |                  | 3          |               |
| K              | Kahalu'u Beach Co. Pk.  | HI013290        | na               | A           | ?        | ?        | ?        | ?        | ?        | ?        |                  | 2,3        |               |
| K              | Kahoiawa Bay  | HIW00150        | na               | ?           | N        | A        | A        | N        | A        | A        |                  | 2,3,5      | L             |

HAWAII (BIG ISLAND) Marine Waters

| Waterbody Type | Scope of Assessment                                  | Geocode ID      | Wet/Dry Criteria | enterococci | Total N  | NO3+NO2  | Total P  | TURB     | chl-a    | NH4      | Other Pollutants | Category     | TMDL Priority |
|----------------|--|-----------------|------------------|-------------|----------|----------|----------|----------|----------|----------|------------------|--------------|---------------|
| K              | Kahoiawa Bay-Makalawena                              | HIW00151        | na               | ?           | N        | A        | A        | N        | A        | A        |                  | 2,3,5        | L             |
| K              | Kahuwai Bay  | HI990843        | na               | ?           | ?        | ?        | ?        | ?        | ?        | ?        |                  | 3            |               |
| K              | Kahuwai Bay-Mano Pt.                                 | HIW00153        | na               | ?           | N        | A        | A        | N        | A        | A        | PO4(A)           | 2,3,5        | L             |
| <b>K</b>       | <b>Kailua Bay</b>                                    | <b>HI753566</b> | <b>na</b>        | <b>A</b>    | <b>?</b> | <b>?</b> | <b>?</b> | <b>?</b> | <b>?</b> | <b>?</b> |                  | <b>2,3</b>   |               |
| K              | Kakapa Bay   | HIW00152        | na               | ?           | N        | A        | A        | N        | A        | A        |                  | 2,3,5        | L             |
| C              | Kalapana Beach (new) (Harry K. Brown Beach Co. Park) | HI542822        | dry              | <b>A</b>    | ?        | ?        | ?        | ?        | ?        | ?        |                  | <b>2,3</b>   |               |
| K              | Kaluhika'a Beach                                     | HI327989        | na               | ?           | ?        | ?        | ?        | ?        | ?        | ?        |                  | 3            |               |
| K              | Kamakaokahonu  | HIW00032        | na               | <b>A</b>    | ?        | ?        | ?        | ?        | ?        | ?        |                  | <b>2,3</b>   |               |
| K              | Kamakaokahonu (Kailua Pier A-1)                      | HI261474        | na               | A           | ?        | ?        | N        | ?        | ?        | ?        |                  | 2,3,5        | L             |
| K              | Kamoa Pt.  | HI602472        | na               | ?           | ?        | ?        | ?        | ?        | ?        | ?        |                  | 3            |               |
| C              | Kapoho Bay   | HI391407        | dry              | <b>N</b>    | ?        | ?        | ?        | ?        | ?        | ?        |                  | <b>3,5</b>   | <b>L</b>      |
| <b>C</b>       | <b>Kapoho Beach Lots</b>                             | <b>HIW00196</b> | <b>dry</b>       | <b>A</b>    | <b>?</b> | <b>?</b> | <b>?</b> | <b>?</b> | <b>?</b> | <b>?</b> |                  | <b>2,3</b>   |               |
| C              | Kapoho Tidepools (Vacationland)                      | HI122881        | dry              | A           | ?        | ?        | ?        | N        | ?        | ?        |                  | 2,3,5        | L             |
| <b>C</b>       | <b>Kapu'a Bay</b>                                    | <b>HIW00067</b> | <b>dry</b>       | ?           | ?        | ?        | ?        | ?        | ?        | ?        |                  | 3            |               |
| <b>C</b>       | <b>Kauilii Pt.-Kapaa Beach Park</b>                  | <b>HIW00201</b> | <b>dry</b>       | ?           | <b>N</b> | <b>N</b> | <b>A</b> | <b>A</b> | <b>N</b> | <b>N</b> |                  | <b>2,3,5</b> | <b>L</b>      |
| <b>O</b>       | <b>Kauilii Pt.-Kapaa Beach Park (oceanic)</b>        | <b>HIW00202</b> | <b>na</b>        | ?           | <b>N</b> | <b>A</b> | <b>N</b> | <b>N</b> | <b>N</b> | <b>A</b> |                  | <b>2,3,5</b> | <b>L</b>      |
| K              | Kauna'oa Beach                                       | HI261869        | na               | A           | ?        | ?        | ?        | ?        | ?        | ?        |                  | 2,3          |               |
| K              | Ka'upulehu   | HI770607        | na               | <b>A</b>    | ?        | ?        | ?        | ?        | ?        | ?        |                  | <b>2,3</b>   |               |
| C              | Kawa Bay   | HI535602        | dry              | ?           | ?        | ?        | ?        | ?        | ?        | ?        |                  | 3            |               |
| <b>B</b>       | <b>Kawaihae Harbor</b>                               | <b>HI978783</b> | <b>dry</b>       | A           | ?        | ?        | ?        | ?        | ?        | ?        |                  | 2,3          |               |
| <b>B</b>       | <b>Kawaihae Harbor/Pelekane Bay</b>                  | <b>HIW00155</b> | <b>dry</b>       | ?           | ?        | ?        | ?        | N        | ?        | ?        |                  | 3,5          | L             |
| <b>K</b>       | <b>Keahole Point</b>                                 | <b>HIW00203</b> | <b>na</b>        | ?           | <b>A</b> | <b>A</b> | <b>A</b> | <b>N</b> | <b>A</b> | <b>N</b> | <b>PO4(A)</b>    | <b>2,3,5</b> | <b>L</b>      |
| K              | Kealakekua Bay                                       | HIW00149        | na               | ?           | N        | N        | N        | N        | A        | A        | PO4(N)           | 2,3,5        | L             |
| K              | Kealakekua Bay (Off Curio Stand)                     | HIW00183        | na               | <b>A</b>    | ?        | ?        | ?        | N        | ?        | ?        |                  | <b>2,3,5</b> | L             |
| <b>C</b>       | <b>Kealia Beach</b>                                  | <b>HI514168</b> | <b>dry</b>       | ?           | ?        | ?        | ?        | ?        | ?        | ?        |                  | 3            |               |

HAWAII (BIG ISLAND) Marine Waters

| Waterbody Type | Scope of Assessment                           | Geocode ID      | Wet/Dry Criteria | enterococci | Total N  | NO3+NO2  | Total P  | TURB     | chl-a    | NH4      | Other Pollutants | Category     | TMDL Priority |
|----------------|---|-----------------|------------------|-------------|----------|----------|----------|----------|----------|----------|------------------|--------------|---------------|
| K              | Keauhou Bay (Kona)                            | HI713293        | na               | A           | ?        | ?        | ?        | ?        | ?        | ?        |                  | 2,3          |               |
| E              | Keaukaha Beach Park                           | HI849313        | na               | A           | ?        | ?        | ?        | ?        | ?        | ?        |                  | 2,3          |               |
| K              | Keawaiki                                      | HI929053        | na               | ?           | ?        | ?        | ?        | ?        | ?        | ?        |                  | 3            |               |
| K              | Ke'ei   | HI858729        | na               | ?           | ?        | ?        | ?        | ?        | ?        | ?        |                  | 3            |               |
| C              | Kehena  | HI459942        | dry              | A           | ?        | ?        | ?        | ?        | ?        | ?        |                  | 2,3          |               |
| C              | Keokea Beach C. Pk.                           | HI784200        | dry              | ?           | ?        | ?        | ?        | ?        | ?        | ?        |                  | 3            |               |
| <b>K</b>       | <b>Keone'ele Cove</b>                         | <b>HI559410</b> | <b>na</b>        | <b>A</b>    | <b>?</b> | <b>?</b> | <b>?</b> | <b>?</b> | <b>?</b> | <b>?</b> |                  | <b>2,3</b>   |               |
| C              | Kolekole Beach Co. Park                       | HI693485        | wet              | A           | ?        | ?        | ?        | N        | ?        | ?        |                  | 2,3,5        | L             |
| K              | Kuki'o Bay                                    | HIW00154        | na               | ?           | N        | N        | N        | N        | A        | N        | PO4(N)           | 2,3,5        | L             |
| <b>C</b>       | <b>Kulaimano</b>                              | <b>HIW00204</b> | <b>wet</b>       | <b>?</b>    | <b>A</b> | <b>A</b> | <b>A</b> | <b>A</b> | <b>A</b> | <b>A</b> |                  | <b>2,3</b>   |               |
| C              | Lapakahi St. Hist. Park                       | HI490010        | dry              | ?           | ?        | ?        | ?        | ?        | ?        | ?        |                  | 3            |               |
| C              | Laupahoehoe Beach Co. Park                    | HI380623        | wet              | A           | ?        | ?        | ?        | ?        | ?        | ?        |                  | 2,3          |               |
| E              | Lehia Beach                                   | HI691720        | na               | A           | ?        | ?        | ?        | ?        | ?        | ?        |                  | 2,3          |               |
| E              | Leleiwi Beach Co. Pk.                         | HI540868        | na               | A           | ?        | ?        | N        | ?        | ?        | ?        |                  | 2,3,5        | L             |
| E              | Leleiwi Beach Co. Pk. (Richardson Ocean Ctr.) | HIW00030        | na               | A           | ?        | ?        | ?        | N        | N        | ?        |                  | 2,3,5        | L             |
| K              | Mahai'ula Bay                                 | HI694255        | na               | ?           | ?        | ?        | ?        | ?        | ?        | ?        |                  | 3            |               |
| C              | Mahukona Beach Co. Park                       | HI273526        | dry              | ?           | ?        | ?        | ?        | ?        | ?        | ?        |                  | 3            |               |
| <b>C</b>       | <b>Mahukona Harbor</b>                        | <b>HIW00197</b> | <b>dry</b>       | <b>?</b>    | <b>N</b> | <b>N</b> | <b>A</b> | <b>N</b> | <b>N</b> | <b>N</b> |                  | <b>2,3,5</b> | <b>L</b>      |
| <b>O</b>       | <b>Mahukona Harbor (oceanic)</b>              | <b>HIW00198</b> | <b>na</b>        | <b>?</b>    | <b>N</b> | <b>A</b> | <b>N</b> | <b>N</b> | <b>N</b> | <b>A</b> |                  | <b>2,3,5</b> | <b>L</b>      |
| K              | Makalawena                                    | HI901744        | na               | ?           | ?        | ?        | ?        | ?        | ?        | ?        |                  | 3            |               |
| <b>C</b>       | <b>Makaohule Pt.-Kauilii Pt.</b>              | <b>HIW00199</b> | <b>dry</b>       | <b>?</b>    | <b>N</b> | <b>N</b> | <b>A</b> | <b>A</b> | <b>N</b> | <b>N</b> |                  | <b>2,3,5</b> | <b>L</b>      |
| <b>O</b>       | <b>Makaohule Pt.-Kauilii Pt. (oceanic)</b>    | <b>HIW00200</b> | <b>na</b>        | <b>?</b>    | <b>N</b> | <b>A</b> | <b>N</b> | <b>N</b> | <b>N</b> | <b>A</b> |                  | <b>2,3,5</b> | <b>L</b>      |
| K              | Makole'a Beach                                | HI223059        | na               | ?           | ?        | ?        | ?        | ?        | ?        | ?        |                  | 3            |               |
| <b>K</b>       | <b>Manini Point Co. Park</b>                  | <b>HI379764</b> | <b>na</b>        | <b>?</b>    | <b>?</b> | <b>?</b> | <b>?</b> | <b>?</b> | <b>?</b> | <b>?</b> |                  | <b>3</b>     |               |
| K              | Manini'owali                                  | HI720408        | na               | A           | N        | A        | A        | N        | A        | A        | PO4(A)           | 2,5          | L             |
| <b>K</b>       | <b>Mauna Lani (Kalahuihua'a)</b>              | <b>HI890924</b> | <b>na</b>        | <b>A</b>    | <b>?</b> | <b>?</b> | <b>?</b> | <b>?</b> | <b>?</b> | <b>?</b> |                  | <b>2,3</b>   |               |

HAWAII (BIG ISLAND) Marine Waters

| Waterbody Type | Scope of Assessment                     | Geocode ID      | Wet/Dry Criteria | enterococci | Total N  | NO3+NO2  | Total P  | TURB     | chl-a    | NH4      | Other Pollutants | Category     | TMDL Priority |
|----------------|---|-----------------|------------------|-------------|----------|----------|----------|----------|----------|----------|------------------|--------------|---------------|
| K              | Mau'umae Beach                          | HI120357        | na               | ?           | ?        | ?        | ?        | ?        | ?        | ?        |                  | 3            |               |
| <b>C</b>       | Miloli'i Beach                          | HI470112        | <b>dry</b>       | <b>A</b>    | ?        | ?        | ?        | ?        | ?        | ?        |                  | <b>2,3</b>   |               |
| C              | Ninole                                  | HI124561        | dry              | ?           | ?        | ?        | ?        | ?        | ?        | ?        |                  | 3            |               |
| K              | Ohai'ula Beach                          | HI143737        | na               | ?           | ?        | ?        | ?        | ?        | ?        | ?        |                  | 3            |               |
| K              | Old Kona Airport St. Rec. Area          | HI256093        | na               | <b>A</b>    | ?        | ?        | ?        | ?        | ?        | ?        |                  | <b>2,3</b>   |               |
| C              | Onekahakaha Beach Co. Pk.               | HI862286        | wet              | A           | ?        | ?        | ?        | ?        | ?        | ?        |                  | 2,3          |               |
| C              | Onekahakaha Beach Co. Pk. (Puhi Bay #3) | HIW00029        | wet              | <b>A</b>    | ?        | ?        | ?        | N        | N        | ?        |                  | <b>2,3,5</b> | L             |
| K              | Paoao Point to Keawekaheka Point        | HIW00145        | na               | ?           | N        | A        | A        | A        | A        | A        | PO4(A)           | 2,3,5        | L             |
| K              | Pahoehoe Beach Co. Pk.                  | HI935352        | na               | ?           | ?        | ?        | ?        | ?        | ?        | ?        |                  | 3            |               |
| C              | Papa'i (King's Landing)                 | HI112071        | dry              | ?           | ?        | ?        | ?        | ?        | ?        | ?        |                  | 3            |               |
| <b>K</b>       | <b>Pelekane Bay</b>                     | <b>HI738158</b> | <b>na</b>        | <b>N</b>    | <b>N</b> | <b>N</b> | <b>N</b> | <b>?</b> | <b>N</b> | <b>N</b> |                  | <b>3,5</b>   | <b>L</b>      |
| K              | Pine Trees                              | HI320616        | na               | <b>A</b>    | N        | A        | A        | A        | A        | A        | PO4(A)           | 2,5          | L             |
| K              | Pine Trees-Honokohau                    | HIW00146        | na               | ?           | N        | N        | N        | N        | A        | N        | PO4(N)           | 2,3,5        | L             |
| C              | Pohoiki Beach                           | HI316864        | dry              | A           | ?        | ?        | ?        | ?        | ?        | ?        |                  | 2,3          |               |
| <b>C</b>       | <b>Pololu Valley</b>                    | <b>HI183806</b> | <b>dry</b>       | <b>?</b>    | <b>?</b> | <b>?</b> | <b>?</b> | <b>?</b> | <b>?</b> | <b>?</b> |                  | <b>3</b>     |               |
| K              | Puako                                   | HI668132        | na               | A           | ?        | ?        | ?        | ?        | ?        | ?        |                  | 2,3          |               |
| K              | Puako Bay                               | HIW00033        | na               | A           | ?        | ?        | ?        | ?        | ?        | ?        |                  | 2,3          |               |
| K              | Pueo Bay                                | HI930479        | na               | ?           | ?        | ?        | ?        | ?        | ?        | ?        |                  | 3            |               |
| <b>C</b>       | <b>Puhi Bay</b>                         | <b>HIW00206</b> | <b>wet</b>       | <b>?</b>    | <b>A</b> | <b>A</b> | <b>A</b> | <b>A</b> | <b>A</b> | <b>A</b> |                  | <b>2,3</b>   |               |
| C              | Punalu'u                                | HI224651        | dry              | <b>A</b>    | ?        | ?        | ?        | ?        | ?        | ?        |                  | <b>2,3</b>   |               |
| K              | Pu'u honua o Honaunau                   | HI478461        | na               | ?           | ?        | ?        | ?        | ?        | ?        | ?        |                  | 3            |               |
| <b>E</b>       | <b>Radio Bay</b>                        | <b>HI425303</b> | <b>na</b>        | <b>A</b>    | <b>?</b> | <b>?</b> | <b>?</b> | <b>?</b> | <b>?</b> | <b>?</b> |                  | <b>2,3</b>   |               |
| C              | Road to the Sea                         | HI849236        | dry              | ?           | ?        | ?        | ?        | ?        | ?        | ?        |                  | 3            |               |
| K              | Spencer Beach Co. Pk.                   | HI936372        | na               | A           | ?        | ?        | ?        | N        | N        | ?        |                  | 2,3,5        | L             |
| K              | Waialea Bay                             | HI381812        | na               | ?           | ?        | ?        | ?        | ?        | ?        | ?        |                  | 3            |               |
| E              | Wailoa River (Boat Ramp)                | HIW00172        | <b>na</b>        | N           | <b>N</b> | <b>N</b> | <b>N</b> | ?        | ?        | <b>N</b> |                  | 3,5          | M             |

**HAWAII (BIG ISLAND) Marine Waters**

| <b>Waterbody Type</b> | <b>Scope of Assessment</b>              | <b>Geocode ID</b> | <b>Wet/Dry Criteria</b> | <b>enterococci</b> | <b>Total N</b> | <b>NO3+NO2</b> | <b>Total P</b> | <b>TURB</b> | <b>chl-a</b> | <b>NH4</b> | <b>Other Pollutants</b> | <b>Category</b> | <b>TMDL Priority</b> |
|-----------------------|---|-------------------|-------------------------|--------------------|----------------|----------------|----------------|-------------|--------------|------------|-------------------------|-----------------|----------------------|
| <b>C</b>              | <b>Waipahi Point</b>                    | <b>HIW00205</b>   | <b>wet</b>              | <b>?</b>           | <b>A</b>       | <b>A</b>       | <b>A</b>       | <b>A</b>    | <b>A</b>     | <b>A</b>   |                         | <b>2,3</b>      |                      |
| C                     | Waipi'o Bay                             | HI534434          | wet                     | ?                  | ?              | ?              | ?              | ?           | ?            | ?          |                         | 3               |                      |
| <b>K</b>              | <b>Waiulaula</b>                        | <b>HI934020</b>   | <b>na</b>               | <b>A</b>           | <b>N</b>       | <b>N</b>       | <b>N</b>       | <b>?</b>    | <b>N</b>     | <b>N</b>   |                         | <b>2,3,5</b>    | <b>L</b>             |
| K                     | Waiulua Bay to Anaehoomalu Bay          | HIW00148          | na                      | ?                  | N              | N              | N              | N           | N            | N          | PO4(N)                  | 3,5             | L                    |
| K                     | Wawaloli Beach                          | HI643938          | na                      | <b>A</b>           | ?              | ?              | ?              | ?           | ?            | ?          |                         | <b>2,3</b>      |                      |
| K                     | Wawaloli Beach-Pine Trees               | HIW00147          | na                      | ?                  | N              | A              | A              | N           | A            | A          | PO4(N)                  | 2,3,5           | L                    |
| K                     | White Sands Beach Co. Pk. (Magic Sands) | HI436267          | na                      | A                  | ?              | ?              | ?              | N           | N            | ?          |                         | 2,3,5           | L                    |
| C                     | Whittington Beach Co. Pk.               | HI720900          | dry                     | <b>A</b>           | ?              | ?              | ?              | ?           | ?            | ?          |                         | <b>2,3</b>      |                      |