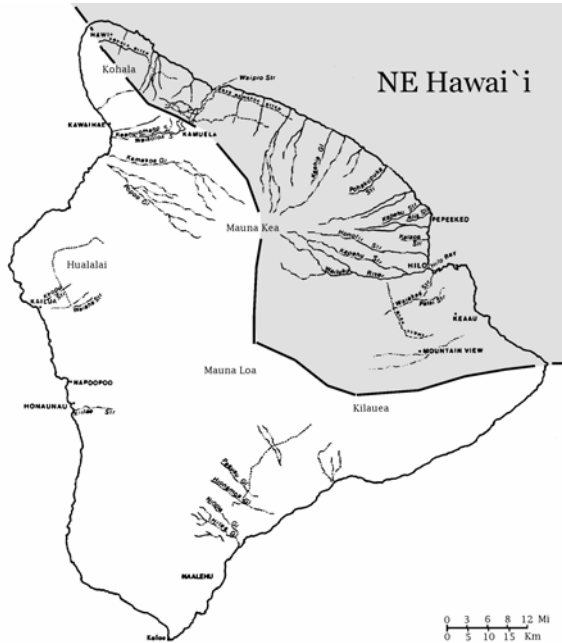


HAWAI`I (BIG ISLAND) REFERENCES (Geographical Listing)

**Northeast HAWAI`I**

AECOS Inc. (1994). *Reconnaissance survey of Kealahaha Stream in the vicinity of a proposed new highway bridge.*

Kealahaha Stream, Hamakua Coast, NE Hawaii

8-1-86 / turbidity / nutrients / silica (silicate)

AECOS Inc. (1996). *An environmental assessment for a bridge crossing of Waiakea Stream at University of Hawaii, Hilo, Hawai'i.*

Waiakea Stream, Hilo, NE Hawaii

8-2-61 / stream / dissolved solids (salinity) / nutrients / oxygen (DO) / pH / suspended solids (TSS) / temperature / turbidity

AECOS Inc. (1997). *An assessment of stream impacts for a bridge crossing of Waiakea Stream at University of Hawaii, Hilo, Hawai'i.*

Waiakea Stream, Hilo, NE Hawaii

8-2-61 / dissolved oxygen (DO) / dissolved solids (salinity) / nutrients / pH / stream / suspended solids (TSS) / temperature / turbidity

AECOS Inc. (1998). *Biological reconnaissance survey of Ali`ipali Gulch, Hâmâkua District, Island of Hawai`i.*

Aliipali Gulch, Hamakua, NE Hawaii

8-1-71 / dissolved solids (salinity) / nutrients / oxygen (DO) / pH / stream / suspended solids (TSS) / temperature / turbidity

AECOS Inc. (1998). *Biological reconnaissance survey of Kaumo`ali Gulch, Hâmâkua District, Island of Hawai`i.*

Kaumoali Gulch, Hamakua, NE Hawaii

8-1-73 / dissolved solids (salinity) / nutrients / oxygen (DO) / pH / stream / suspended solids (TSS) / temperature / turbidity

AECOS Inc. (1999). *Biological reconnaissance survey of `Ino`ino Stream at Old Mamalahoa Highway on the Island of Hawai`i.*

Inoino Stream, Hamakua, NE Hawaii

8-1-55 / dissolved solids (salinity) / nutrients / oxygen (DO) / pH / stream / suspended solids (TSS) / temperature / turbidity

AECOS Inc. (1999). *Biological reconnaissance survey of Kalopa Gulch, Hamakua District, Island of Hawai`i.*

Kalopa Gulch, Hamakua, NE Hawaii

8-1-68 / dissolved solids (salinity) / nutrients / oxygen (DO) / pH / stream / suspended solids (TSS) / temperature / turbidity

AECOS Inc. (1999). *Biological reconnaissance survey of Kolekole Stream at and above Hawaii Belt Road on the Island of Hawai'i.*

Kolekole Stream, Honomu, NE Hawaii

8-2-33 / dissolved solids (salinity) / nutrients / oxygen (DO) / pH / stream / suspended solids (TSS) / toxic metals_/ turbidity / estuary (muliwai)

AECOS Inc. (1999). *Biological reconnaissance survey of Pahe'ehe'e Stream at and above Hawaii Belt Road on the Island of Hawai'i.*

Paheehē Stream, Honomu, Hamakua, NE Hawaii

8-2-34 / dissolved solids (salinity) / nutrients / oxygen (DO) / pH / stream / suspended solids (TSS) / toxic metals_/ turbidity

AECOS Inc. (1999). *Biological reconnaissance survey of Waika'alulu Gulch, Hamakua District, Island of Hawai'i.*

Waikaalulu Gulch, Hamakua, NE Hawaii

8-1-69 / dissolved solids (salinity) / nutrients / oxygen (DO) / pH / stream / suspended solids (TSS) / temperature / turbidity

AECOS Inc. (2000). *Review of water quality and biology in Kawaihae and Hilo Harbors for the Harbors 2020 Master Plan Implementation EIS (draft).*

Hilo Harbor, NE Hawaii

chlorophyll / bay (harbor) / dissolved solids (salinity) / oxygen (DO) / nutrients / pH / suspended solids (TSS) / turbidity

AECOS Inc. (2002). *An Environmental Reconnaissance Survey of Waiakea Stream for the USDA Pacific Basin Agricultural Research Center on the Island of Hawai'i.*

Waiakea Stream, Hilo, NE Hawaii

8-2-61 / dissolved oxygen (DO) / dissolved solids (salinity) / nutrients / pH / stream / suspended solids (TSS) / temperature / turbidity

Kinzie III, R. A., J. I. Ford, et al. (1986). *Habitat modeling of Hawaiian streams.*

Nanue Stream, NE Hawaii

8-2-27 / 2-1-14 / 6-4-22 / discharge (flow) / stream

Sea Engineering Inc. (1981). *Circulation and sediment transport study, Hilo Bayfront Beach, Hilo Hawaii.*

Hilo Bay, NE Hawaii

discharge (flow) / sediment

Timbol, A. S., A. J. Sutter, et al. (1980). *Distribution, relative abundance, and stream environment of *Lentipes concolor* (Gill 1860), and associated fauna in Hawaiian Streams.*

Aamakao, Hakalau, Honomu, Kaapoko, Kaawalii, Kawwilahilahi, Manoloa,

Manowaiopae, Ninole, Opea, Peleau, NE Hawaii

8-1-12 / discharge (flow) / dissolved oxygen (DO) / dissolved solids (salinity) / pH / temperature

8-2-32 / 8-2-35 / 8-2-51 / 8-2-02 / 8-2-09 / 8-2-20 / 8-2-06 / 8-2-21 / 8-2-28 / 8-2-29 / Piinau: discharge (flow) / dissolved oxygen (DO) / dissolved solids (salinity) pH / temperature

U.S. Army Corps of Engineers - Honolulu District (1982). *Alenaio Stream, Island of Hawaii. Harbors and Rivers in Hawaii, Final Survey Report and Environmental Impact Statement.*

Alenaio Stream, Waiakea Pond, Wailoa River, NE Hawaii

8-2-61.01.1 / discharge (flow) / dissolved oxygen (DO) / microbes (bacteria) / stream / suspended solids (TSS) / turbidity

U.S. Army Corps of Engineers - Honolulu District (1984). *Draft reconnaissance hydroelectric power study for the Wailuku River and Honolii Stream, Island of Hawaii, State of Hawaii.*

Wailuku River, Honolii Stream, Hilo, NE Hawaii

8-2-56 / 8-2-60 / discharge (flow) / dissolved solids (salinity) / dissolved oxygen (DO) / hardness / nutrients / pH / stream / suspended sediments (TSS) / temperature / toc / turbidity

U.S. Environmental Protection Agency (EPA). Storet Legacy Data Center for the period 1973-79:

Wailoa River, NE Hawaii

8-2-61: 77-79: microbes (bacteria) / PCB / pesticides / solvents (solvents) / stream / toxic metals

U.S. Environmental Protection Agency (EPA). Storet Legacy Data Center for the period 1973-79:

Kolekole Stream, Hamakua Coast, NE Hawaii

8-2-33: 73-77: microbes (bacteria) / stream

U.S. Environmental Protection Agency (EPA). Storet Legacy Data Center for the period 1973-79:

Ice Pond, Hilo Harbor, NE Hawaii

Outflow from Ice Pond: 73-79: microbes (bacteria) / stream ?

U.S. Environmental Protection Agency (EPA). Storet Legacy Data Center for the period 1973-79:

Honolii Cove, Hilo Harbor, NE Hawaii

8-2-56: 73-76: microbes (bacteria) / bay (harbor)

U.S. Environmental Protection Agency (EPA). Storet Legacy Data Center for the period 1973-79:

Waiakea Pond, Wailoa River, NE Hawaii

8-2-61: 77-79: PCB / pesticide / stream / fishpond / toxic metals

U.S. Environmental Protection Agency (EPA). Storet Legacy Data Center for the period 1973-79:

Wailuku River, NE Hawaii

8-2-60: 74-75: microbes (bacteria) / stream

8-2-60: 76-77: dissolve oxygen (DO) / dissolved solids (salinity) / microbes (bacteria) / nutrients / pH / temperature / turbidity

U.S. Environmental Protection Agency (EPA). Storet Legacy Data Center for the period 1973-98:

Honolii Cove, Baker's Beach, Coconut Island, H.K. Brown Park, Hilo Bay, Honokaa Landing, Honolii Cove, Kaimu Beach (Black Sand Beach), Kapoo Beach Lots #1, Keaukaha Beach, Keokea Beach Park, Kolekole Gulch, King's Landing, Laupahoehoe Point (Boat Ramp), Lelewi Beach Park, Nalei Hotel, Naniloa Hotel, Onekahakaha Beach, Pohoiki, Puhii Bay, Upolu Point (Coast Guard), Wailoa River, Waiakea Mill Pond, Richardson Ocean Center, Hilo Bay, Vacationland, Pualaa Beach Park, Hapuna Beach, Honaunau Bay (City of Refuge) , Honuapo Landing, Kahaluu Beach, Kailua Pier, Kauhako Bay - Hookena, Kawaihae Harbor, Kealakekua Bay, Keauhou Bay, Kona Hilton

Shoreline, Magic Sands Beach, Mahukona Landing, Mauna Kea Beach Hotel, Milolii, Puako Beach, Punaluu, Spencer Park Beach, Honaunau Bay, Kealakekua Bay, Keahole Point, Banyan's Surfing Area, Anaehoomalu Bay, Kapoho Bay, NE Hawaii, SE Hawaii, SW Hawaii, NW Hawaii

73-98: chlorophyll / dissolved solids (salinity) / oxygen (DO) / estuary / pH / marine / microbes (bacteria) / nutrients / silica (silicate) / suspended solids (TSS) / temperature / toc / turbidity

U.S. Environmental Protection Agency (EPA). Storet Legacy Data Center for the period 1973-98:

76-80: Hilo Bay, NE Hawaii

bay (harbor) / estuary / metals / PCB / pesticides (tissue) / solvents / toxic metals

U.S. Environmental Protection Agency (EPA). Storet Legacy Data Center for the period 1980-89:

Waiakea Pond, Wailoa River, NE Hawaii

8-2-61: 80-86: PCB / pesticide / stream / fishpond / toxic metals

U.S. Environmental Protection Agency (EPA). Storet Legacy Data Center for the period 1980-89:

Wailoa River, NE Hawaii

8-2-61: 80-86: microbes (bacteria) / PCB / pesticides / solvents (solvents) / stream / toxic metals

U.S. Environmental Protection Agency (EPA). Storet Legacy Data Center for the period 1980-89:

Wailuku River, NE Hawaii

8-2-60: 85: microbes (bacteria) / stream

U.S. Environmental Protection Agency (EPA). Storet Legacy Data Center for the period 1980-89:

Ice Pond, Hilo Harbor, NE Hawaii

Outflow from Ice Pond: 80, 83-89: microbes (bacteria) / stream ?

Outflow from Ice Pond: 81: chlorophyll / dissolved oxygen (DO) / dissolved solids (salinity) / microbes (bacteria) / nutrients / suspended solids (TSS) / temperature / turbidity

Outflow from Ice Pond: 82: chlorophyll / dissolved oxygen (DO) / dissolved solids (salinity) / microbes (bacteria) / nutrients / pH / suspended solids (TSS) / temperature / turbidity

U.S. Environmental Protection Agency (EPA). Storet Legacy Data Center for the period 1990-98:

Kolekole Stream, Hamakua Coast, NE Hawaii

8-2-33: 90-91: chlorophyll / dissolved oxygen (DO) / dissolved solids (salinity) / microbes (bacteria) / nutrients / pH / silica (silicate) / temperature / toc

8-2-33: 92-97: chlorophyll / dissolved oxygen (DO) / dissolved solids (salinity) / microbes (bacteria) / nutrients / pH / silica (silicate) / temperature / toc / turbidity

8-2-33: 98: dissolved solids (salinity) / microbes (bacteria) / stream

U.S. Environmental Protection Agency (EPA). Storet Legacy Data Center for the period 1990-98:

Ice Pond, Hilo Harbor, NE Hawaii

Outflow from Ice Pond: 90-97: chlorophyll / dissolved oxygen (DO) / dissolved solids (salinity) / microbes (bacteria) / nutrients / pH / silica (silicate) / temperature / toc / turbidity

Outflow from Ice Pond: 98: dissolved solids (salinity) / microbes (bacteria) / stream ?

U.S. Environmental Protection Agency (EPA). Storet Legacy Data Center for the period 1990-98:

Wailuku River, NE Hawaii

8-2-60: 90: microbes (bacteria) / stream

U.S. Geological Survey (USGS). Water Resources Data for Hawaii and other Pacific Areas for the period 1974:

Pohakupuka Stream, Papaaloa, NE Hawaii

8-2-16: 74: discharge (flow) / dissolved solids (salinity) / metals / nutrients / pH / silica (silicate) / stream / temperature / turbidity

U.S. Geological Survey (USGS). Water Resources Data for Hawaii and other Pacific Areas for the period 1974:

Ninole Gulch, Punaluu, NE Hawaii

8-2-21: 74: discharge (flow) / stream / temperature

U.S. Geological Survey (USGS). Water Resources Data for Hawaii and other Pacific Areas for the period 1974:

Alakahi Stream, Waipio, NE Hawaii

8-1-44: 74: discharge (flow) / dissolved solids (salinity) / metals / nutrients / pH / temperature / turbidity

8-1-44: 64-73, 75-79: discharge (flow) / stream

U.S. Geological Survey (USGS). Water Resources Data for Hawaii and other Pacific Areas for the period 1974:

Kawainui Stream, Waipio, NE Hawaii

8-1-44: 74: discharge (flow) / stream / temperature

U.S. Geological Survey (USGS). Water Resources Data for Hawaii and other Pacific Areas for the period 1974:

Honolii Stream, Papaikou, NE Hawaii

8-2-56: 74: discharge (flow) / dissolved oxygen (DO) / dissolved solids (salinity) / metals / microbes (bacteria) / nutrients / pH / sediment / silica (silicate) / stream / sulfate (sulphate) / temperature / toxic metals / turbidity

U.S. Geological Survey (USGS). Water Resources Data for Hawaii and other Pacific Areas for the period 1974:

Wailuku River, Lyman Springs No. 2, Hilo, Piihonua, Humuula, Kaumana, NE Hawaii

8-2-60: 74: discharge (flow) / dissolved solids (salinity) / metals / pH / nutrients / rainfall / stream / temperature / turbidity

U.S. Geological Survey (USGS). Water Resources Data for Hawaii and other Pacific Areas for the period 1974:

Kawaiki Stream, Kawa Iki, Waipio, NE Hawaii

8-1-44: 74: discharge (flow) / stream / temperature

U.S. Geological Survey (USGS). Water Resources Data for Hawaii and other Pacific Areas for the period 1974:

Waiakea Stream, Wailoa River, NE Hawaii

8-2-61: 74: discharge (flow) / dissolved solids (salinity) / metals / nutrients / pH / silica (silicate) / stream / turbidity

U.S. Geological Survey (USGS). Water Resources Data for Hawaii and other Pacific Areas (HI-80-1, HI-81-1, HI-82-1, HI-83-1, HI-84-1, HI-85-1, HI-86-1, HI-87-1, HI-88-1, HI-89-1, HI-90-1, HI-95-1, HI-96-1, HI-97-1, HI-98-1, HI-99-1, HI-00-1) for the period 1980-00:

Honolii Stream, Papaikou, NE Hawaii

8-2-56: 80: discharge (flow) / dissolved oxygen (DO) / dissolved solids (salinity) / metals / microbes (bacteria) / nutrients / PCB / pesticides / pH / silica (silicate) / sulfate (sulphate) / suspended solids (TSS) / temperature / toxic metals / turbidity

8-2-56: 81-82: discharge (flow) / dissolved oxygen (DO) / dissolved solids (salinity) / metals / microbes (bacteria) / nutrients / PCB / pesticides / pH / silica (silicate) / sulfate (sulphate) / suspended solids (TSS) / temperature / toc / toxic metals / turbidity

8-2-56: 83-90: discharge (flow) / dissolved oxygen (DO) / dissolved solids (salinity) / metals / microbes (bacteria) / nutrients / pH / silica (silicate) / sulfate (sulphate) / suspended solids (TSS) / temperature / toxic metals / turbidity

8-2-56: 95-00: discharge (flow) / stream

U.S. Geological Survey (USGS). Water Resources Data for Hawaii and other Pacific Areas (HI-81-1) for the period 1980-00:

Alia Stream, Hilo, NE Hawaii

8-2-39: 81: discharge (flow) / dissolved solids (salinity) / nutrients / pH / silica (silicate) / stream / sulfate (sulphate) / temperature

U.S. Geological Survey (USGS). Water Resources Data for Hawaii and other Pacific Areas (HI-80-1, HI-81-1, HI-82-1, HI-83-1, HI-84-1, HI-85-1, HI-86-1, HI-87-1, HI-88-1, HI-89-1, HI-90-1, HI-97-1) for the period 1980-00:

Waiakea Stream, Wailoa River, NE Hawaii

8-2-61: 80-85: discharge (flow) / dissolved solids (salinity) / pH / temperature

8-2-61: 86-89: discharge (flow) / temperature

8-2-61: 90, 97: discharge (flow) / stream

U.S. Geological Survey (USGS). Water Resources Data for Hawaii and other Pacific Areas (HI-80-1, HI-81-1, HI-82-1, HI-83-1, HI-84-1, HI-85-1, HI-86-1, HI-87-1, HI-88-1, HI-89-1, HI-90-1, HI-95-1, HI-97-1, HI-98-1, HI-99-1) for the period 1980-00:

Kawaiki Stream, Kawa Iki Stream, Waipio, NE Hawaii

8-1-44: 80-85: discharge (flow) / dissolved solids (salinity) / pH / temperature

8-1-44: 86-89: discharge (flow) / temperature

8-1-44: 90, 95, 97-99: discharge (flow) / stream

U.S. Geological Survey (USGS). Water Resources Data for Hawaii and other Pacific Areas (HI-91-1, HI-92-1) for the period 1980-00:

Waimanu Stream, Kamuela, NE Hawaii

8-1-35: 91-92: discharge (flow) / dissolved oxygen (DO) / dissolved solids (salinity) / metals / microbes (bacteria) / nutrients / PCB / pesticides / pH / silica (silicate) / stream / sulfate (sulphate) / temperature / toc / toxic metals / turbidity

U.S. Geological Survey (USGS). Water Resources Data for Hawaii and other Pacific Areas (HI-80-1, HI-81-1, HI-82-1, HI-83-1, HI-84-1, HI-85-1, HI-86-1, HI-87-1, HI-88-1, HI-89-1, HI-90-1, HI-94-1, HI-95-1, HI-96-1, HI-97-1, HI-98-1, HI-99-1, HI-00-1) for the period 1980-00:

Alakahi Stream, Waipio, NE Hawaii

8-1-44: 90-00: discharge (flow) / stream

8-1-44: 80-85: discharge (flow) / dissolved solids (salinity) / pH / temperature

8-1-44: 86-89: discharge (flow) / temperature

U.S. Geological Survey (USGS). Water Resources Data for Hawaii and other Pacific Areas (HI-80-1, HI-81-1, HI-82-1) for the period 1980-00:

Ninole Gulch, Punaluu, NE Hawaii

8-2-21: 80-81: discharge (flow) / stream

8-2-21: 82: discharge (flow) / dissolved solids (salinity) / pH / temperature

U.S. Geological Survey (USGS). Water Resources Data for Hawaii and other Pacific Areas (HI-80-1) for the period 1980-00:

Pohakupuka Stream, Papaaloo, NE Hawaii

8-2-16: 80: discharge (flow) / stream

U.S. Geological Survey (USGS). Water Resources Data for Hawaii and other Pacific Areas (HI-80-1, HI-81-1, HI-82-1, HI-83-1, HI-84-1, HI-85-1, HI-86-1, HI-87-1, HI-88-1, HI-89-1, HI-90-1, HI-95-1, HI-97-1, HI-98-1, HI-99-1, HI-00-1) for the period 1980-00:

Wailuku River, Lyman Springs No. 2, Hilo, Piihonua, Humuula, Kaumana, NE Hawaii

8-2-60: 81-85: discharge (flow) / dissolved solids (salinity) / pH / spring / temperature

8-2-60: 86-89: discharge (flow) / temperature

8-2-60: 90: discharge (flow)

8-2-60: 80-81: discharge (flow) / dissolved oxygen (DO) / dissolved solids (salinity) / metals / microbes (bacteria) / nutrients / pH / phytoplankton / rainfall / sediment / silica (silicate) / suspended solids (TSS) / sulfate (sulphate) / temperature / toc / toxic metals / turbidity

8-2-60: 82-90: discharge (flow) / dissolved oxygen (DO) / dissolved solids (salinity) / metals / microbes (bacteria) / nutrients / pH / sediment / silica (silicate) / suspended solids (TSS) / sulfate (sulphate) / temperature / toxic metals / turbidity

8-2-60: 95-96, 98-00: discharge (flow) / stream

U.S. Geological Survey (USGS). Water Resources Data for Hawaii and other Pacific Areas (HI-81-1) for the period 1980-00:

Manowaiopae Stream, Laupahoehoe, NE Hawaii

8-2-06: 81: discharge (flow) / dissolved solids (salinity) / nutrients / pH / stream / sulfate (sulphate) / temperature

U.S. Geological Survey (USGS). Water Resources Data for Hawaii and other Pacific Areas (HI-80-1, HI-81-1, HI-82-1, HI-83-1, HI-84-1, HI-85-1, HI-86-1, HI-87-1, HI-88-1, HI-89-1) for the period 1980-89:

Kawainui Stream, Waipio, NE Hawaii

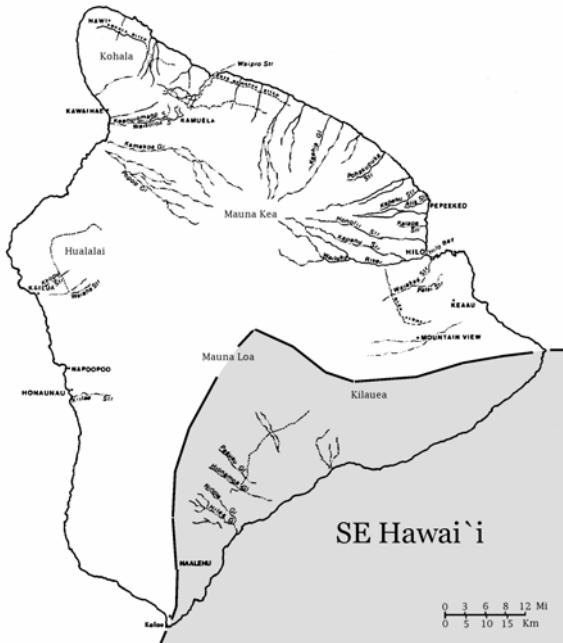
8-1-44: 80-85: discharge (flow) / dissolved solids (salinity) / pH / temperature

8-1-44: 86-89: discharge (flow) / temperature

U.S. Geological Survey (USGS). Water Resources Data for Hawaii and other Pacific Areas (HI-90-1, HI-95-1, HI-96-1, HI-97-1, HI-98-1, HI-99-1, HI-00-1) for the period 1990-00:

Kawainui Stream, Waipio, NE Hawaii

8-1-44: 90, 95-00: discharge (flow) / stream



Southeast HAWAI`I

AECOS Inc. (1998). *Biological reconnaissance survey of an unnamed stream at Oshiro Road, Puna District, Island of Hawai`i.*

Oshiro Road, Puna, SE Hawaii
intermittent stream / dissolved solids (salinity) / nutrients / oxygen (DO) / pH / suspended solids (TSS) / temperature / turbidity

AECOS Inc. (2000). *Marine resources considerations for improvements to the Kapoho-Kalapana Road on the Island of Hawai`i.*

Kalapana, SE Hawaii
dissolved solids (salinity) / oxygen (DO) / marine / nutrients / pH / suspended solids (TSS) / temperature / turbidity

Brock, R. E. (1993). *Preliminary inventory of marine, anchialine and sea turtle resources and water quality conditions for the proposed spaceport at Palima Point, Kau, Hawaii.*

Palima Point, Kau, SE Hawaii
anchialine pond / chlorophyll / dissolved oxygen (DO) / dissolved solids (salinity) / nutrients / oil & grease (petrochemicals) / pH / silica (silicate) / temperature / turbidity / marine

Marine Research Consultants (1998). *Marine environmental assessment, Oneloa Master Plan Development, Puna, Hawaii.*

Oneloa, Puna, SE Hawaii
anchialine / chlorophyll / dissolved solids (salinity) / nutrients / pH / silica (silicate) / temperature / turbidity / marine

U.S. Environmental Protection Agency (EPA). Storet Legacy Data Center for the period 1973-98:

Honolii Cove, Baker's Beach, Coconut Island, H.K. Brown Park, Hilo Bay, Honokaa Landing, Honolii Cove, Kaimu Beach (Black Sand Beach), Kapoo Beach Lots #1, Keaukaha Beach, Keokea Beach Park, Kolekole Gulch, King's Landing, Laupahoehoe Point (Boat Ramp), Leleiwi Beach Park, Nalei Hotel, Naniloa Hotel, Onekahakaha Beach, Pohoiki, Puhii Bay, Upolu Point (Coast Guard), Wailoa River, Waiakea Mill Pond, Richardson Ocean Center, Hilo Bay, Vacationland, Pualaa Beach Park, Hapuna Beach, Honaunau Bay (City of Refuge), Honuapo Landing, Kahlua Beach, Kailua Pier, Kauhako Bay - Hookena, Kawaihae Harbor, Kealakekua Bay, Keauhou Bay, Kona Hilton Shoreline, Magic Sands Beach, Mahukona Landing, Mauna Kea Beach Hotel, Milolii, Puako Beach, Punaluu, Spencer Park Beach, Honaunau Bay, Kealakekua Bay, Keahole Point, Banyan's Surfing Area, Anaehoomalu Bay, Kapoho Bay,

NE Hawaii, SE Hawaii, SW Hawaii, NW Hawaii
73-98: chlorophyll / dissolved solids (salinity) / oxygen (DO) / estuary / pH / marine / microbes (bacteria) / nutrients / silica (silicate) / suspended solids (TSS) / temperature / toc / turbidity

U.S. Environmental Protection Agency (EPA). Storet Legacy Data Center for the period 1980-89:

Kapoho Pond, Kapoho Bay, SE Hawaii

Kapoho Pond: 81: anchialine / chlorophyll / nutrients / suspended solids (TSS) / turbidity

Kapoho Pond: 82-83: chlorophyll / dissolved oxygen (DO) / dissolved solids (salinity) / nutrients / pH / suspended solids (TSS) / temperature / turbidity

U.S. Geological Survey (USGS). Water Resources Data for Hawaii and other Pacific Areas for the period 1974:

Paauau, Pahala, SE Hawaii

Paauau: 74: discharge (flow) / stream

U.S. Geological Survey (USGS). Water Resources Data for Hawaii and other Pacific Areas for the period 1974:

Hilea Gulch, Honuapo, SE Hawaii

Hilea Gulch: 74: discharge (flow) / dissolved solids (salinity) / metals / nutrients / pH / rainfall / silica (silicate) / stream / temperature / turbidity

U.S. Geological Survey (USGS). Water Resources Data for Hawaii and other Pacific Areas (HI-80-1, HI-81-1, HI-82-1, HI-83-1, HI-84-1, HI-85-1, HI-86-1, HI-87-1, HI-88-1, HI-89-1, HI-90-1, HI-97-1) for the period 1980-00:

Hilea Gulch, Honuapo, SE Hawaii

Hilea Gulch: 80-85: discharge (flow) / dissolved solids (salinity) / pH / temperature

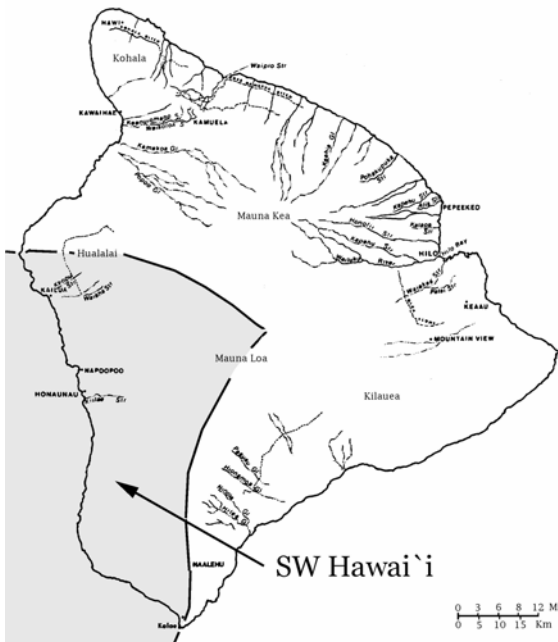
Hilea Gulch: 86-89: discharge (flow) / temperature

Hilea Gulch: 90, 97: discharge (flow) / stream

U.S. Geological Survey (USGS). Water Resources Data for Hawaii and other Pacific Areas (HI-00-1) for the period 1980-00:

Paauau, Pahala, SE Hawaii

Paauau: 00: discharge (flow) / stream



Southwest HAWAI`I

Bienfang, P. K. (1983). *The status of water quality, water circulation, and plankton populations in Honokohau Small Boat Harbor, 1982.*

Honokohau, North Kona, SW Hawaii
 bay (harbor) / chlorophyll / dissolved solids (salinity) / marine / nutrients / oxygen (DO) / pH / temperature / turbidity (secchi depth)

Bienfang, P. and W. Johnson (1989). *Planktonic properties of Honokohau Harbor: A nutrient-enriched subtropical embayment.*
Honokohau Harbor, North Kona, SW Hawaii
 bay (harbor) / nutrients / marine

Brock, R. and A. Kam (1997). *Biological and water quality characteristics of anchialine resources In the Kaloko-Honokohau National Historic Park with recommendations for their*

management.

Aimakapaa Fishpond, Kaloko-Honokohau National Historic Park, North Kona, SW Hawaii

89-93: chlorophyll / dissolved solids (salinity) / oxygen (DO) / marine / nutrients / pH / silica (silicate) / temperature / toc / turbidity

Aimakapaa Fishpond: 94-96: chlorophyll / dissolved oxygen (DO) / dissolved solids (salinity) / nutrients / pH / silica (silicate) / temperature / toc / turbidity

Dollar, S. J. and M. J. Atkinson (1992). *Effects of nutrient subsidies from groundwater to nearshore marine ecosystems off the Island of Hawaii.*

Keauhou Bay, North Kona, SW Hawaii
 nutrients / marine

Kay, E. A., L. S. Lau, et al. (1977). *Hydrologic and ecologic inventories of the coastal waters of West Hawaii.*

Waiulua Bay, Kuuaii Spring, Wainanalii Pond, NW Hawaii, SW Hawaii
 dissolved solids (salinity) / ocean / spring / oxygen demand (COD, BOD) / suspended solids (TSS) / fishpond / turbidity

Marine Research Consultants (1990). *Assessment of chemistry of nearshore waters in the vicinity of the O`oma II Development, North Kona, Hawaii.*

Ooma, North Kona, SW Hawaii
 marine / chlorophyll / oxygen (DO) / dissolved solids (salinity) / turbidity / temperature / pH / silica (silicate)

Marine Research Consultants (1991). *Description of Ooma II anchialine pond.*

Ooma, North Kona, SW Hawaii
 anchialine / dissolved solids (salinity) / nutrients / silica (silicate) / turbidity

Marine Research Consultants (1996). *An assessment of potential effects to the marine and pond environments in the Vicinity of the Kaloko Town Center, North Kona, Hawaii.*

Kaloko, Kaloko-Honokohau National Historical Park, North Kona, SW Hawaii
anchialine / chlorophyll / dissolved solids (salinity) / nutrients / pH / silica (silicate) /
temperature / turbidity / marine

Marine Research Consultants (2000). *An assessment of potential effects to the marine and pond environments in the vicinity of the Kaloko Industrial Park, Phases II and IV, North Kona, Hawaii.*

Aimakapa pond, Kaloko pond, Kaloko-Honokohau National Historical Park, SW Hawaii
anchialine / chlorophyll / dissolved oxygen (DO) / dissolved solids (salinity) / nutrients /
pH / silica (silicate) / temperature / turbidity / marine

Marine Research Consultants (2000). *An assessment of potential effects to the marine and pond environments in the vicinity of the Kaloko-Honokohau Business Park, North Kona, Hawaii.*

Kaloko pond, Aimakapa pond, Kaloko-Honokohau National Historical Park, SW Hawaii
anchialine / chlorophyll / dissolved oxygen (DO) / dissolved solids (salinity) / nutrients /
pH / silica (silicate) / temperature / turbidity / marine

Oceanic Institute, W. (1982). *The status of water quality, water circulation and plankton populations in Honokohau Small Boat Harbor, 1982.*

Honokohau Harbor, Kona, SW Hawaii
bay (harbor) / marine / dissolved solids (salinity) / temperature / oxygen (DO) / pH /
nutrients / chlorophyll / zooplankton / turbidity / discharge (flow)

U.S. Department of Transportation Federal Highway Administration, S. o. H. D. o. T.-H. Division, et al. (1984). *Alii Highway Project, Kailua-Keauhou, County of Hawaii, State of Hawaii. Final Environmental Impact Statement and Section 4(f) Statement. Project Number: RS-0187(04).*

Waiaha Stream, Holualoa Gulch, Kailua-Kona, Kaumalumu Gulch, Keauhou, North Kona, SW Hawaii
8-4-02 / discharge (flow) / stream

U.S. Environmental Protection Agency (EPA). Storet Legacy Data Center for the period 1973-79:

Awakee, Kohanaiki, Makalawena, North Kona, NW Hawaii, SW Hawaii
Anchialine pool near Kaloko-Honokohau National Historic Park: 72: dissolved solids (salinity)

U.S. Environmental Protection Agency (EPA). Storet Legacy Data Center for the period 1973-79:

Waiulua Bay, North Kona, SW Hawaii
Waiulua Bay Spring: 74-75: dissolved solids (salinity) / nutrients / oxygen demand /
suspended solids (TSS) / turbidity

U.S. Environmental Protection Agency (EPA). Storet Legacy Data Center for the period 1973-98:

Honolii Cove, Baker's Beach, Coconut Island, H.K. Brown Park, Hilo Bay, Honokaa Landing, Honolii Cove, Kaimu Beach (Black Sand Beach), Kapoo Beach Lots #1, Keaukaha Beach, Keokea Beach Park, Kolekole Gulch, King's Landing, Laupahoehoe Point (Boat Ramp), Lelewi Beach Park, Nalei Hotel, Naniloa Hotel, Onekahakaha Beach, Pohoiki, Puhii Bay, Upolu Point (Coast Guard), Wailoa River, Waiakea Mill Pond,

Richardson Ocean Center, Hilo Bay, Vacationland, Pualaa Beach Park, Hapuna Beach, Honaunau Bay (City of Refuge) , Honuapo Landing, Kahaluu Beach, Kailua Pier, Kauhako Bay - Hookena, Kawaihae Harbor, Kealakekua Bay, Keauhou Bay, Kona Hilton Shoreline, Magic Sands Beach, Mahukona Landing, Mauna Kea Beach Hotel, Milolii, Puako Beach, Punaluu, Spencer Park Beach, Honaunau Bay, Kealakekua Bay, Keahole Point, Banyan's Surfing Area, Anaehoomalu Bay, Kapoho Bay, NE Hawaii, SE Hawaii, SW Hawaii, NW Hawaii

73-98: chlorophyll / dissolved solids (salinity) / oxygen (DO) / estuary / pH / marine / microbes (bacteria) / nutrients / silica (silicate) / suspended solids (TSS) / temperature / toc / turbidity

U.S. Environmental Protection Agency (EPA). Storet Legacy Data Center for the period 1973-98:

76-80: Kealakekua Bay, SW Hawaii

bay (harbor) / estuary / metals / PCB / pesticides (tissue) / solvents / toxic metals

U.S. Environmental Protection Agency (EPA). Storet Legacy Data Center for the period 1980-89:

Kaloko-Honokohau National Historic Park, North Kona, SW Hawaii

Kaloko-Honokohau anchialine pool: 88: chlorophyll / dissolved solids (salinity) / temperature

U.S. Environmental Protection Agency (EPA). Storet Legacy Data Center for the period 1980-89:

Kapoikai, Kaloko-Honokohau National Historic Park, North Kona, SW Hawaii

Anchialine pool in Kapoikai Group: 86-89: chlorophyll / dissolved solids (salinity) / nutrients / silica (silicate) / toc

U.S. Environmental Protection Agency (EPA). Storet Legacy Data Center for the period 1980-89:

Awakee, Kohanaiki, Makalawena, North Kona, SW Hawaii, NW Hawaii

Anchialine Pool near Kaloko-Honokohau National Historic Park: 87: anchialine / dissolved solids (salinity) / temperature

U.S. Environmental Protection Agency (EPA). Storet Legacy Data Center for the period 1980-89:

Koloko Pond, Kaloko-Honokohau National Historic Park, North Kona, SW Hawaii

Koloko marsh (wetland): 88: dissolved solids (salinity) / temperature

U.S. Environmental Protection Agency (EPA). Storet Legacy Data Center for the period 1980-89:

Kaloko Fishpond, Kaloko-Honokohau National Historic Park, North Kona, SW Hawaii

Kaloko fishpond: 88: dissolved solids (salinity) / temperature

U.S. Environmental Protection Agency (EPA). Storet Legacy Data Center for the period 1980-98:

Kaloko, Kaloko-Honokohau National Historic Park, North Kona, SW Hawaii

89-93: chlorophyll / dissolved solids (salinity) / marine / nutrients / silica (silicate) / toc

U.S. Environmental Protection Agency (EPA). Storet Legacy Data Center for the period 1980-98:

Kaloko-Honokohau National Historic Park, North Kona, SW Hawaii

89-93: chlorophyll / dissolved solids (salinity) / oxygen (DO) / marine / nutrients / pH / silica (silicate) / temperature / toc / turbidity

U.S. Environmental Protection Agency (EPA). Storet Legacy Data Center for the period 1990-98:

Kaloko Fishpond, Kaloko-Honokohau National Historic Park, North Kona, SW Hawaii

Kaloko Fishpond: 94-96: chlorophyll / dissolved oxygen (DO) / dissolved solids (salinity) / nutrients / pH / silica (silicate) / temperature / toc / turbidity

U.S. Environmental Protection Agency (EPA). Storet Legacy Data Center for the period 1990-98:

Kapoikai, Kaloko-Honokohau National Historic Park, North Kona, SW Hawaii

Anchialine pool in Kapoikai Group: 90-93: chlorophyll / dissolved solids (salinity) / nutrients / silica (silicate) / toc

U.S. Environmental Protection Agency (EPA). Storet Legacy Data Center for the period 1990-98:

Aimakapaa Fishpond, Kaloko-Honokohau National Historic Park, North Kona, SW Hawaii

Aimakapaa Fishpond: 94-96: chlorophyll / dissolved oxygen (DO) / dissolved solids (salinity) / nutrients / pH / silica (silicate) / temperature / toc / turbidity

U.S. Environmental Protection Agency (EPA). Storet Legacy Data Center for the period 1990-98:

Kaloko-Honokohau National Historic Park, North Kona, SW Hawaii

Kaloko-Honokohau anchialine pool: 94-96: dissolved oxygen (DO) / dissolved solids (salinity) / nutrients / pH / silica (silicate) / temperature / toc / turbidity

U.S. Geological Survey (USGS). Water Resources Data for Hawaii and other Pacific Areas for the period 1974:

Kiilae, Honaunau, SW Hawaii

Kiilae: 74: discharge (flow) / dissolved solids (salinity) / metals / nutrients / pH / rainfall / silica (silicate) / stream / temperature / turbidity

U.S. Geological Survey (USGS). Water Resources Data for Hawaii and other Pacific Areas for the period 1974:

Waiaha Stream, Holualoa, North Kona, SW Hawaii

8-4-02: 74: discharge (flow) / dissolved solids (salinity) / metals / nutrients / pH / rainfall / silica (silicate) / stream / temperature / turbidity

U.S. Geological Survey (USGS). Water Resources Data for Hawaii and other Pacific Areas (HI-80-1, HI-81-1, HI-82-1) for the period 1980-00:

Waiaha Stream, Holualoa, North Kona, SW Hawaii

8-4-02: 80-82: discharge (flow) / dissolved solids (salinity) / pH / rainfall / stream / temperature

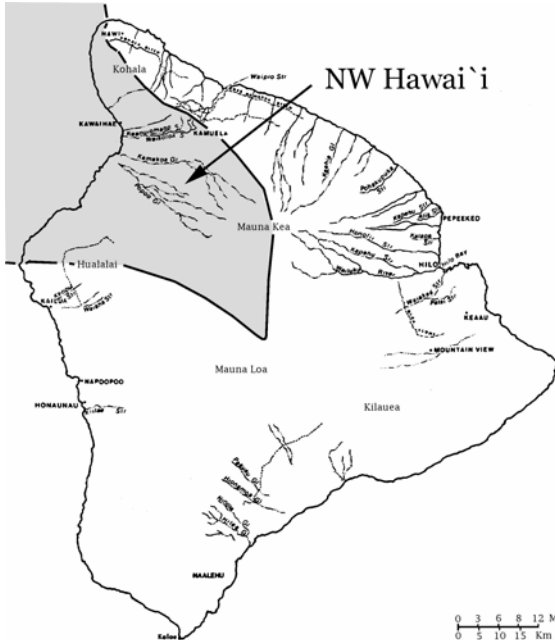
U.S. Geological Survey (USGS). Water Resources Data for Hawaii and other Pacific Areas (HI-80-1, HI-81-1, HI-82-1) for the period 1980-00:

Kiilae, Honaunau, SW Hawaii

Kiilae: 80-82: discharge (flow) / dissolved solids (salinity) / pH / rainfall / stream / temperature

Ziemann, D. (1990). *Assessment of potential impacts of light industrial development at Honokohau Industrial Park on the anchialine pond resources at Kaloko and Honokohau, Kona, Hawaii.*

Kaloko, Maliu, Kealakehe, Aimakapa Pond, Honokohau Harbor, North Kona, SW Hawaii
anchialine / dissolved solids (salinity) / fishpond / bay (harbor)



Northwest HAWAI`I

AECOS Inc. (1988). *A water quality assessment of the lagoon at the Mauna Lani Terrace Condominium, Mauna Lani Resort, South Kohala, Island of Hawaii.*

Mauna Lani Resort, South Kohala, NW Hawaii

anchialine / chlorophyll / dissolved solids (salinity) / fishpond / nutrients / pools and ponds / suspended solids (TSS) / temperature / turbidity

AECOS Inc. (1992). *Measurements of the quality of the effluent from decorative salt water pond systems in Hawaii.*

Mauna Lani Resort, South Kohala, NW Hawaii

pools and ponds / temperature / turbidity / silica (silicate) / nutrients / dissolved solids

(salinity) / pH / suspended solids (TSS) / oxygen (DO) / chlorophyll /

AECOS Inc. (2000). *Review of water quality and biology in Kawaihae and Hilo Harbors for the Harbors 2020 Master Plan Implementation EIS (draft).*

Kawaihae Harbor, NW Hawaii

chlorophyll / bay (harbor) / dissolved solids (salinity) / oxygen (DO) / nutrients / pH / suspended solids (TSS) / turbidity

AECOS Inc. (2001). *Natural resources assessment report, Waimea Trails and Greenways Project, Kamuela, Hawai`i.*

Keanuimano Stream, Waikoloa Stream, Kamuela (Waimea), NW Hawaii

8-5-03 / dissolved solids (salinity) / nutrients / pH / stream / suspended solids (TSS) / temperature / turbidity

Guinther, E. B. and R. David (2000). *Biological reconnaissance surveys of anchialine ponds at the Mauna Lani Resort, South Kohala, Island of Hawai`i.*

Mauna Lani Resort, South Kohala, NW Hawaii

anchialine / temperature / dissolved solids (salinity)

Kay, E. A., L. S. Lau, et al. (1977). *Hydrologic and ecologic inventories of the coastal waters of West Hawaii.*

Waiulua Bay, Kuuaii Spring, Wainanalii Pond, NW Hawaii, SW Hawaii

dissolved solids (salinity) / ocean / spring / oxygen demand (COD, BOD) / suspended solids (TSS) / fishpond / turbidity

Marine Research Consultant (1986). *Baseline assessment of the marine environment and anchialine ponds at Awakee, North Kona, Hawaii.*

Awakee, North Kona, NW Hawaii

anchialine / dissolved oxygen (DO) / dissolved solids (salinity) / nutrients / pH / silica (silicate) / temperature / marine

Marine Research Consultants (1989). *Preliminary assesment of the marine and pond environments in the vicinity of the proposed Mauna Lani Cove, South Kohala, Hawaii.*

Mauna Lani Resort, South Kohala, NW Hawaii

marine / anchialine / nutrients / chlorophyll / oxygen (DO) / pH / temperature / turbidity / dissolved solids (salinity) / silica (silicate)

Marine Research Consultants (1991). *Marine environmental monitoring program, Mauna Lani Resort, water chemistry report I.*

Mauna Lani Resort, South Kohala, NW Hawaii

marine / anchialine / chlorophyll / nutrients / dissolved solids (salinity) / pH / turbidity / temperature / microbes (bacteria) / pesticides

Marine Research Consultants (1992). *Marine environmental monitoring program, Mauna Lani Resort, water chemistry report II.*

Mauna Lani Resort, South Kohala, NW Hawaii

marine / anchialine / chlorophyll / nutrients / dissolved solids (salinity) / pH / turbidity / temperature / microbes (bacteria) / pesticides

Marine Research Consultants (1992). *Marine environmental monitoring program, Mauna Lani Resort, water chemistry report III.*

Mauna Lani Resort, South Kohala, NW Hawaii

marine / anchialine / chlorophyll / nutrients / dissolved solids (salinity) / pH / turbidity / temperature / microbes (bacteria) / pesticides

Marine Research Consultants (1992). *Marine environmental monitoring program, Mauna Lani Resort, water chemistry report IV.*

Mauna Lani, South Kohala, NW Hawaii

marine / anchialine / chlorophyll / nutrients / dissolved solids (salinity) / pH / turbidity / temperature / microbes (bacteria) / pesticides

Marine Research Consultants (1993). *Marine environmental monitoring program, Mauna Lani Resort, water chemistry report V.*

Mauna Lani Resort, South Kohala, NW Hawaii

marine / anchialine / chlorophyll / nutrients / dissolved solids (salinity) / pH / turbidity / temperature / microbes (bacteria) / pesticides

OI Consultants Inc. (1986). *Anchialine pond survey, Kapulehu, North Kona, Hawaii.*

Kaupulehu, North Kona, NW Hawaii

anchialine / chlorophyll / dissolved oxygen (DO) / dissolved solids (salinity) / nutrients / temperature / wetland (marsh)

OI Consultants Inc. (1986). *Impact Analysis of resort development at Kohanaiki on the near-shore marine environment and anchialine pond resource.*

Kohana-iki, North Kona, NW Hawaii

anchialine / dissolved solids (salinity) / temperature / marine

Park, G. (1981). *Revised environmental impact statement, Paniaua, Lalamilo, South Kohala, Hawaii.*

Paniaua, Lalamilo, South Kohala, NW Hawaii

anchialine / dissolved solids (salinity)

U.S. Environmental Protection Agency (EPA). Storet Legacy Data Center for the period 1973-79:

Kuualii Spring, Anaehoomalu Bay, South Kohala, NW Hawaii

Kuualii Spring: 74-75: dissolved solids (salinity) / microbes (bacteria) / nutrients / oxygen demand / suspended solids (tss) / turbidity

U.S. Environmental Protection Agency (EPA). Storet Legacy Data Center for the period 1973-79:

Kiholo Bay, Waiulua Bay, Puukohala National Historic Park, North Kona, NW Hawaii

74-75: dissolved solids (salinity) / marine / microbes (bacteria) / nutrients / oxygen demand (chemical) / suspended solids (TSS) / turbidity

U.S. Environmental Protection Agency (EPA). Storet Legacy Data Center for the period 1973-79:

Kawaihae, South Kohala, NW Hawaii

Anchialine pools near Puuhokola Heiau National Historic Site: 72: dissolved solids (salinity)

U.S. Environmental Protection Agency (EPA). Storet Legacy Data Center for the period 1973-79:

Awakee, Kohanaiki, Makalawena, North Kona, NW Hawaii, SW Hawaii

Anchialine pool near Kaloko-Honokohau National Historic Park: 72: dissolved solids (salinity)

U.S. Environmental Protection Agency (EPA). Storet Legacy Data Center for the period 1973-98:

Honolii Cove, Baker's Beach, Coconut Island, H.K. Brown Park, Hilo Bay, Honokaa Landing, Honolii Cove, Kaimu Beach (Black Sand Beach), Kapoo Beach Lots #1, Keaukaha Beach, Keokea Beach Park, Kolekole Gulch, King's Landing, Laupahoehoe Point (Boat Ramp), Lelewi Beach Park, Nalei Hotel, Naniloa Hotel, Onekahakaha Beach, Pohoiki, Puhii Bay, Upolu Point (Coast Guard), Wailoa River, Waiakea Mill Pond, Richardson Ocean Center, Hilo Bay, Vacationland, Pualaa Beach Park, Hapuna Beach, Honaunau Bay (City of Refuge), Honuapo Landing, Kahaluu Beach, Kailua Pier, Kauhako Bay - Hookena, Kawaihae Harbor, Kealakekua Bay, Keauhou Bay, Kona Hilton Shoreline, Magic Sands Beach, Mahukona Landing, Mauna Kea Beach Hotel, Milolii, Puako Beach, Punaluu, Spencer Park Beach, Honaunau Bay, Kealakekua Bay, Keahole Point, Banyan's Surfing Area, Anaehoomalu Bay, Kapoho Bay, NE Hawaii, SE Hawaii, SW Hawaii, NW Hawaii

73-98: chlorophyll / dissolved solids (salinity) / oxygen (DO) / estuary / pH / marine / microbes (bacteria) / nutrients / silica (silicate) / suspended solids (TSS) / temperature / toc / turbidity

U.S. Environmental Protection Agency (EPA). Storet Legacy Data Center for the period 1980-89:

Kukuualii Fishpond, Anehoomalu Bay, South Kohala, NW Hawaii

Kukuualii fishpond: 88-89: chlorophyll / dissolved solids (salinity) / nutrients / silica (silicate) / toc

U.S. Environmental Protection Agency (EPA). Storet Legacy Data Center for the period 1980-89:

Awakee, Kohanaiki, Makalawena, North Kona, SW Hawaii, NW Hawaii

Anchialine Pool near Kaloko-Honokohau National Historic Park: 87: anchialine / dissolved solids (salinity) / temperature

U.S. Environmental Protection Agency (EPA). Storet Legacy Data Center for the period 1980-89:

Waikoloa, South Kohala, NW Hawaii

Anchialine pools in Waikoloa Pond Preservation Area: 86: anchialine / chlorophyll / dissolved solids (salinity) / nutrients / silica (silicate) / pool (pond)

Anchialine pools in Waikoloa Pond Preservation Area: 86-89: anchialine / chlorophyll / dissolved solids (salinity) / nutrients / silica (silicate) / toc

U.S. Environmental Protection Agency (EPA). Storet Legacy Data Center for the period 1980-98:

Waikoloa, Puukohola Heiau National Historic Site, North Kona, NW Hawaii

88-93: chlorophyll / dissolved solids (salinity) / marine / nutrients / silica (silicate) / toc

U.S. Environmental Protection Agency (EPA). Storet Legacy Data Center for the period 1990-98:

Kukuualii Fishpond, Anehoomalū Bay, South Kohala, NW Hawaii

Kukuualii fishpond: 90-93: chlorophyll / dissolved solids (salinity) / nutrients / silica (silicate) / toc

U.S. Environmental Protection Agency (EPA). Storet Legacy Data Center for the period 1990-98:

Waikoloa, South Kohala, NW Hawaii

Anchialine pools in Waikoloa Pond Preservation Area: 90-93: anchialine / chlorophyll / dissolved solids (salinity) / nutrients / silica (silicate) / toc

Anchialine pools in Waikoloa Pond Preservation Area: 90: pesticides

U.S. Environmental Protection Agency (EPA). Storet Legacy Data Center for the period 1990-98:

Kawaihae, South Kohala, NW Hawaii

Anchialine pools near Puuhokola Heiau National Historic Site: 92: dissolved oxygen (DO) / dissolved solids (salinity) / nutrients / pH / temperature

Anchialine pools near Puuhokola Heiau National Historic Site: 94: chlorophyll / microbes (bacteria) / nutrients / silica (silicate)

U.S. Geological Survey (USGS). Water Resources Data for Hawaii and other Pacific Areas for the period 1974:

Kohakohau Stream, Kamuela, NW Hawaii

8-5-03: 74: discharge (flow) / dissolved solids (salinity) / metals / nutrients / pH / silica (silicate) / stream / temperature / turbidity

U.S. Geological Survey (USGS). Water Resources Data for Hawaii and other Pacific Areas for the period 1974:

Waikoloa Stream, Marine Dam, Puu Ohu, Kamuela (Waimea), NW Hawaii

8-5-03: 74: discharge (flow) / dissolved solids (salinity) / metals / nutrients / pH / silica (silicate) / stream / temperature / turbidity

U.S. Geological Survey (USGS). Water Resources Data for Hawaii and other Pacific Areas for the period 1974:

Hauani, Kamuela, NW Hawaii

Hauani Gulch: 74: discharge (flow) / dissolved solids (salinity) / metals / nutrients / pH / silica (silicate) / stream / temperature / turbidity

U.S. Geological Survey (USGS). Water Resources Data for Hawaii and other Pacific Areas (HI-80-1, HI-81-1, HI-82-1, HI-83-1, HI-84-1, HI-85-1, HI-86-1, HI-87-1, HI-88-1, HI-89-1, HI-90-1, HI-96-1, HI-99-1, HI-00-1) for the period 1980-00:

Hauani, Kamuela, NW Hawaii

Hauani Gulch: 80-85: discharge (flow) / dissolved solids (salinity) / pH / temperature

Hauani Gulch: 86-89: discharge (flow) / temperature

Hauani Gulch: 90, 92-00: discharge (flow) / stream

U.S. Geological Survey (USGS). Water Resources Data for Hawaii and other Pacific Areas (HI-80-1, HI-81-1, HI-82-1, HI-83-1, HI-84-1, HI-85-1, HI-86-1, HI-87-1, HI-88-1, HI-89-1, HI-90-1, HI-98-1, HI-99-1, HI-00-1) for the period 1980-00:

Kohakohau Stream, Kamuela, NW Hawaii

8-5-03: 80-85: discharge (flow) / dissolved solids (salinity) / pH / temperature

8-5-03: 86-89: discharge (flow) / temperature

8-5-03: 90, 98-00: discharge (flow) / stream

U.S. Geological Survey (USGS). Water Resources Data for Hawaii and other Pacific Areas (HI-80-1, HI-81-1, HI-82-1, HI-83-1, HI-84-1, HI-85-1, HI-86-1, HI-87-1, HI-88-1, HI-89-1) for the period 1980-89:

Waikoloa Stream, Marine Dam, Puu Ohu, Kamuela, NW Hawaii

8-5-03: 80-85: discharge (flow) / dissolved solids (salinity) / pH / temperature

8-5-03: 86-89: discharge (flow) / stream / temperature

U.S. Geological Survey (USGS). Water Resources Data for Hawaii and other Pacific Areas (HI-90-1, HI-95-1, HI-98-1, HI-99-1, HI-00-1) for the period 1990-00:

Waikoloa, Marine Dam, Puu Ohu, Kamuela, NW Hawaii

8-5-03: 90, 95, 98-00: discharge (flow) / stream

William A. Brewer & Associates (1984). *Coastal Baseline Survey, Kukio Resort, North Kona, Island of Hawaii.*

North Kona, NW Hawaii

anchialine pond / dissolved oxygen (DO) / dissolved solids (salinity) / temperature

William A. Brewer & Associates (1986). *Baseline marine and coastal pond surveys, Makalawena, North Kona, Hawaii.*

Opaeula Pond, Makalawena, North Kona, NW Hawaii

anchialine pond / oxygen (DO) / dissolved solids (salinity) / temperature / marine

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- AECOS Inc. 1992. Measurements of the quality of the effluent from decorative salt water pond systems in Hawaii. Prep. for Hardscapes Hawaii. AECOS No. 645: 19 pp. [AECOS]
- AECOS Inc. 1994. Reconnaissance survey of Kealakaha Stream in the vicinity of a proposed new highway bridge. Prep. for Engineering Concepts, Inc., Honolulu. AECOS No. 781: 10 pp. [AECOS]
- AECOS Inc. 1996. An environmental assessment for a bridge crossing of Waiakea Stream at University of Hawaii, Hilo, Hawai'i. Prep. for Engineering Concepts, Inc., Honolulu. AECOS 765B: 10 pp. [AECOS]
- AECOS Inc. 1997. An assessment of stream impacts for a bridge crossing of Waiakea Stream at University of Hawaii, Hilo, Hawaii. In: *University of Hawaii at Hilo University Park; Hilo, Hawaii; TMK: 2-4-01: 7, 12, 19, 41 and 2-4-03:26; Final Environmental Impact Statement*. Prep. for Engineering Concepts, Inc. 765C: 12 pp. [OEQC (HI266A), AECOS]
- AECOS Inc. 1998. Biological reconnaissance survey of Ali`ipali Gulch, Hâmâkua District, Island of Hawai`i. Prep. for Wilson Okamoto & Assoc., Inc., Honolulu. AECOS No. 889E: 12 pp. [AECOS]
- AECOS Inc. 1998. Biological reconnaissance survey of an unnamed stream at Oshiro Road, Puna District, Island of Hawai`i. Prep. for Wilson Okamoto & Assoc., Inc., Honolulu. AECOS No. 889F: 6 pp. [AECOS]
- AECOS Inc. 1998. Biological reconnaissance survey of Kaumo`ali Gulch, Hâmâkua District, Island of Hawai`i. Prep. for Wilson Okamoto & Assoc., Inc., Honolulu. AECOS No. 889D: 9 pp. [AECOS]
- AECOS Inc. 1999. Biological reconnaissance survey of `Ino`ino Stream at Old Mamalahoa Highway on the Island of Hawai`i. Prep. for Wilson Okamoto & Assoc., Inc., Honolulu. AECOS No. 889A: 10 pp. [AECOS]
- AECOS Inc. 1999. Biological reconnaissance survey of Kalopa Gulch, Hamakua District, Island of Hawai`i. Prep. for Wilson Okamoto & Assoc., Inc., Honolulu. AECOS No. 889B: 12 pp. [AECOS]
- AECOS Inc. 1999. Biological reconnaissance survey of Kolekole Stream at and above Hawaii Belt Road on the Island of Hawai`i. Prep. for Engineering Concepts, Inc., Honolulu. AECOS No. 912A: 16 pp. [AECOS]
- AECOS Inc. 1999. Biological reconnaissance survey of Pahe`ehe`e Stream at and above Hawaii Belt Road on the Island of Hawai`i. Prep. for Engineering Concepts, Inc., Honolulu. AECOS No. 912B: 14 pp. [AECOS]
- AECOS Inc. 1999. Biological reconnaissance survey of Waika`alulu Gulch, Hamakua District, Island of Hawai`i. Prep. for Wilson Okamoto & Assoc., Inc., Honolulu. AECOS No. 889C: 12 pp. [AECOS]
- AECOS Inc. 2000. Marine resources considerations for improvements to the Kapoho-Kalapana Road on the Island of Hawai`i. Prep. for SSFM International, Honolulu. AECOS No. 944: 9 pp. [AECOS]
- AECOS Inc. 2000. Review of water quality and biology in Kawaihae and Hilo Harbors for the Harbors 2020 Master Plan Implementation EIS (draft). Prep. for R.M. Towill, Inc., Honolulu. AECOS No. 963: 32 pp. [AECOS]
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