



Table Depicting Minimum Pollutants of Concern Based on Receiving Water Bodies



Instructions

Identify the nearest and first receiving water body that has the potential to receive a discharge from the project site. Refer to the Table Depicting Minimum Pollutants of Concern below and tables within the DOTA Post-Construction BMP Manual including 1) Table Depicting Expected PBMP Pollutant Removals and 2) Table Depicting Pollutants of Concern based on Site Activities. Note that the Table Depicting Minimum Pollutants of Concern below is provided as a guide and does not constitute a comprehensive list of pollutants of concern. Target all the pollutants of concern while selecting the PBMPs. The Designer should use their best judgment to evaluate the pollutants of concern from the project site.

Additional Information

1. The receiving water bodies are designated by Hawaii's Water Quality Standards as described in Hawaii Administrative Rules, Title 11, Chapter 54, which categorizes surface waters as inland or marine waters. Inland waters are comprised of water body types such as streams, estuaries, lakes and reservoirs, wetlands, and anchialine pools. Marine water body types are comprised of embayments, coastal and oceanic waters. The receiving water body at certain airports can also include a dry well/drainage well (underground injection).
2. The receiving water bodies and pollutants of concern (except trash) listed in this Table are primarily from the 2020 State of Hawaii Water Quality Monitoring and Assessment Report. Note that the Department of Health Clean Water Branch (DOH-CWB) is obligated by the Clean Water Act Sections (§) 303(d) and § 305(b) to report on the State's water quality on a two-year cycle; therefore, refer to the latest Water Quality Monitoring and Assessment Report from the DOH-CWB website for up-to-date information at <https://health.hawaii.gov/cwb/clean-water-branch-home-page/integrated-report-and-total-maximum-daily-loads/>.
3. The EPA How's My Waterway webpage (<https://mywaterway.epa.gov/state/HI/water-quality-overview>) provides general reference information on watershed conditions including impairments, and can verify the pollutants of concern. Using the "Advanced Search" function, view and select the receiving water bodies by name on an interactive map to identify current impairment aka pollutant of concern. If a water body is not a CWA § 303(d) listed water, identify the project location using a watershed name and associated Hydrologic Unit Code (HUC) (a unique 12-digit watershed identifier). Note that this EPA webpage may not include all the streams from the State of Hawaii, Division of Aquatic Resources, or the State of Hawaii, Department of Natural Resources, Commission on Water Resource Management.



Table Depicting Minimum Pollutants of Concern Based on Receiving Water Bodies



Airport Code	Airport Name	Receiving Water Body & State Water Body ID where applicable	DOH-CWB Watershed	EPA Watershed (HUC12)	Pollutants of Concern
HDH	Kawaihapai Airfield	Camp Harold Erdman (HI309544)	Kawaihapai	Makaleha Stream (200600000101)	● Trash*
		Kealia Beach (HI612698)	Kawaihapai		● Trash*
		Mokule'ia Beach Co. Park (HI220308)	Kawaihapai	Makaleha Stream (200600000101)	● Trash*
		Mokule'ia Beach (HI908786)	Waialua	Makaleha Stream (200600000101)	● Trash*
		Kawaihapai Gulch (Source: DAR)			● Trash*
		Pahole Stream (Source: DAR)			● Trash*
		Pacific Ocean			● Trash*
HNL	Daniel K. Inouye International Airport	Keehi Lagoon (HIW00009)	Moanalua	Moanalua Stream (200600000305)	● Bacteria (Enterococci) ● Trash*
		Keehi Lagoon (Point X) (HIW00010)	Moanalua	Moanalua Stream (200600000305)	● Bacteria (Enterococci) ● Nutrients (TN, TP) ● Chl <i>a</i> ● Trash*
		Keehi Lagoon waters and nearshore waters to 30' from lagoon mouth to Pearl Harbor (HIW00055)			● Nutrients (TN, NO ₃ +NO ₂ , TP) ● Sediment (Turbidity, TSS) ● Trash*
		Kaloalua Canal			● Trash*
		Mamala Bay (Sand Island Offshore) (HIW00014)			● Chl <i>a</i> ● Trash*
		Mamala Bay (Oceanic) (HIW00015)			● Nutrients (TN) ● Sediment (Turbidity) ● Trash*



Table Depicting Minimum Pollutants of Concern Based on Receiving Water Bodies



Airport Code	Airport Name	Receiving Water Body & State Water Body ID where applicable	DOH-CWB Watershed	EPA Watershed (HUC12)	Pollutants of Concern
		Ahua Pond, Manuwai Canal			● Trash*
		Pacific Ocean			● Trash*
HNM	Hana Airport	Wai'anapanapa State Park (HI118874)	Kawaipapa	Heleleikeoha Stream (200200000308)	● Trash*
		Pacific Ocean			● Trash*
ITO	Hilo International Airport	Waiakea (HI8-2-61)		Waiakea Stream (200100000407)	● Nutrients (TN, NO ₃ +NO ₂ , TP) ● Trash*
		Wailoa Estuary (8-2-61E)			● Nutrients (TN, NO ₃ +NO ₂ , TP, NH ₄) ● Sediment (Turbidity) ● Trash*
		Hilo Bay (Exit of Ice Pond) (HI659453)	Waiola	Waiakea Stream (200100000407)	● Nutrients (TN, NO ₃ +NO ₂ , TP) ● Trash*
		Keaukaha Beach Park (HI849313)		Waiakea Stream (200100000407)	● Trash*
		Onekahakaha Beach Co. Pk. (HI862286)	Waiola Coastal	Waiakea Stream (200100000407)	● Sediment (Turbidity) ● Trash*
		James Kealoha Park (HI670254)	Waiola Coastal	Waiakea Stream (200100000407)	● Sediment (Turbidity) ● Trash*
		Leleiwi Beach Co. Pk. (HI540868)		Waiakea Stream (200100000407)	● Nutrients (TP) ● Trash*
		Lehia Beach (HI691720)		Waiakea Stream (200100000407)	● Trash*
		Pacific Ocean, Lokowaka Pond, Kuhio Bay, Reeds Bay, Puhi Bay			● Trash*



Table Depicting Minimum Pollutants of Concern Based on Receiving Water Bodies



Airport Code	Airport Name	Receiving Water Body & State Water Body ID where applicable	DOH-CWB Watershed	EPA Watershed (HUC12)	Pollutants of Concern
JHM	Kapalua West Airport	Mahinahina Stream (Source: DAR)			<ul style="list-style-type: none"> ● Trash*
		West Maui Coast – Lokelani (HIW00077)	Honokowai	Honokowai Stream (200200000704)	<ul style="list-style-type: none"> ● Nutrients (NO₃+NO₂) ● Sediment (Turbidity) ● Chl <i>a</i> ● Trash*
		Kahanaiki Stream (Source: DAR), Kahana Stream (HI6-1-08)		Honokowai Stream (200200000704)	<ul style="list-style-type: none"> ● Sediment (Turbidity) ● Trash*
		West Maui Coast - Kahana Village (HIW00076)	Kahana	Honokowai Stream (200200000704)	<ul style="list-style-type: none"> ● Nutrients (NO₃+NO₂, NH₄) ● Sediment (Turbidity) ● Chl <i>a</i> ● Trash*
		Kahana Beach (Mahinahina Condo Shoreline) (HI160433)	Kahana	Honokowai Stream (200200000704)	<ul style="list-style-type: none"> ● Nutrients (TN, NO₃+NO₂, NH₄) ● Sediment (Turbidity) ● Chl <i>a</i> ● Trash*
		West Maui Coast-S-Turns (Pohaku) (HIW00047)	Honokowai	Honokowai Stream (200200000704)	<ul style="list-style-type: none"> ● Nutrients (TN, NO₃+NO₂, NH₄) ● Sediment (Turbidity) ● Chl <i>a</i> ● Trash*
		Pacific Ocean			<ul style="list-style-type: none"> ● Trash*
JRF	Kalaeloa Airport	Nimitz Beach (HI682233)	Kaloi	Kaloi Gulch (200600000405)	<ul style="list-style-type: none"> ● Sediment (Turbidity) ● Trash*
		White Plains Beach (HI267023)	Kaloi	Kaloi Gulch (200600000405)	<ul style="list-style-type: none"> ● Sediment (Turbidity) ● Trash*



Table Depicting Minimum Pollutants of Concern Based on Receiving Water Bodies



Airport Code	Airport Name	Receiving Water Body & State Water Body ID where applicable	DOH-CWB Watershed	EPA Watershed (HUC12)	Pollutants of Concern
		Barbers Point Beach Co. Pk. (HI593573)	Kaloi	Kaloi Gulch (200600000405)	● Trash*
		Barbers Point, Mamala Bay, Pacific Ocean			● Trash*
KOA	Ellison Onizuka Kona International Airport at Keahole	Keahole Point (HIW00203)	Keahole	Kaloko Fishpond (200100001105)	● Nutrients (NH ₄) ● Trash*
		Wawaloli Beach (HI643938)	Keahole	Kaloko Fishpond (200100001105)	● Nutrients (NO ₃ +NO ₂ , NH ₄ , PO ₄) ● Sediment (Turbidity) ● Trash*
		Pine Trees (HI320616)	Keahole	Kaloko Fishpond (200100001105)	● Nutrients (TN) ● Sediment (Turbidity) ● Trash*
		Wawaloli Beach – Pine Trees (HIW00147)	Keahole	Kaloko Fishpond (200100001105)	● Nutrients (NO ₃ +NO ₂ , PO ₄) ● Sediment (Turbidity) ● Trash*
		Pacific Ocean, Hoona Bay, Makoko Bay, Mahaiula Bay			● Trash*
LIH	Lihue Airport	Hanama'ulu Bay Beach (HIW00094)		Hanamaulu Stream (200700000205)	● Bacteria (Enterococci) ● Sediment (Turbidity) ● Trash*
		Hanamaulu Bay (HIW00063)		Hanamaulu Stream (200700000205)	● Sediment (Turbidity) ● Trash*
		Nawiliwili Bay (breakwater to shore) (HIW00059)	Nawiwilili	Papakolea Stream-Nawiliwili Stream (200700000206)	● Nutrients (TN, NO ₃ +NO ₂ , TP) ● Sediment (Turbidity) ● Trash*



Table Depicting Minimum Pollutants of Concern Based on Receiving Water Bodies



Airport Code	Airport Name	Receiving Water Body & State Water Body ID where applicable	DOH-CWB Watershed	EPA Watershed (HUC12)	Pollutants of Concern
		Pacific Ocean			● Trash*
LNY	Lanai Airport	Kalamaiki Gulch (Source: DAR)	Kalamaiki	Palawai Basin (200400000300)	● Trash*
		Kaumalapau Gulch (Source: DAR)	Kaumalapau	Palawai Basin (200400000300)	● Trash*
		Miki Stream (Source: DAR)	Palawai Basin	Palawai Basin (200400000300)	● Trash*
LUP	Kalaupapa Airport	Pacific Ocean			● Trash*
MKK	Molokai Airport	Kaluapeelua Gulch (Source: DAR)	Kaluapeelua	Kalupeelua Gulch (200500000402)	● Trash*
MUE	Waiamea-Kohala Airport	Lamimaumau Stream (Source: DAR)		Waiulaula Gulch (200100001407)	● Trash*
		Waikoloa Stream (Source: DAR), Waiulaula Stream (Source: DAR)	Waikoloa	Gulch (200100001407)	● Trash*
OGG	Kahului Airport	Kalialinui Gulch (Source: DAR)	Kalialinui and Kailua Gulch	Kailua Gulch (200200000202)	● Trash*
		Kanaha Beach (Kaa Shoreline) (HIW00020)	Kalialinui	Kailua Gulch (200200000202)	● Nutrients (TP) ● Sediment (Turbidity) ● Chl <i>a</i> ● Trash*
		Kanaha Beach (HI797225)	Kailua Gulch	Kailua Gulch (200200000202)	● Nutrients (TP) ● Sediment (Turbidity) ● Chl <i>a</i> ● Trash*



Table Depicting Minimum Pollutants of Concern Based on Receiving Water Bodies



Airport Code	Airport Name	Receiving Water Body & State Water Body ID where applicable	DOH-CWB Watershed	EPA Watershed (HUC12)	Pollutants of Concern
		Spreckelsville (HI789952)	Kailua Gulch	Kailua Gulch (200200000202)	<ul style="list-style-type: none"> ● Sediment (Turbidity) ● Trash*
		Pacific Ocean			<ul style="list-style-type: none"> ● Trash*
PAK	Port Allen Airport	Salt Pond Beach Co. Park (HI701008)	Kaumakani	Aakukui Valley-Mahinauli Gulch (200700000304)	<ul style="list-style-type: none"> ● Nutrients (NO₃+NO₂, NH₄) ● Sediment (Turbidity) ● Chl <i>a</i> ● Trash*
		Hanapepe Bay-from breakwater to shore and nearshore waters to 30' from Puolo Point to Paakehi Point (HIW00048)		Aakukui Valley-Mahinauli Gulch (200700000304)	<ul style="list-style-type: none"> ● Nutrients (TN, NO₃+NO₂, TP) ● Trash*
		Hanapepe Bay, Pacific Ocean			<ul style="list-style-type: none"> ● Trash*
UPP	Upolu Airport	Upolu Stream (Source: DAR)	Kealahewa	Kohala Ditch (200100000101)	<ul style="list-style-type: none"> ● Trash*
		Pacific Ocean			<ul style="list-style-type: none"> ● Trash*

Notes:

Chl *a* = Chlorophyll *a*

HUC 12 = The highest level of detail, Subwatershed, within the USGS Watershed Boundary Dataset

NH₄ = ammonia-nitrogen

NO₃+NO₂ = nitrate + nitrite

PO₄ = orthophosphate

TN = total nitrogen

TP = total phosphorus

TSS = total suspended solids

*Although trash is not on the CWA § 303(d) list, it was included as a pollutant of concern for all airports that discharge to the ocean or State water. Projects discharging only to a dry well/drainage well may request an exemption from targeting trash.