

Monthly & Annual Average Water Use Report

A&B / EMI 2024 Revocable Water Permit – November 2024

Month	East Maui Surface Water @ Honopou	East Maui Surface Water @ Maliko	East Maui Surface Water Gained from Area Between Honopou and Maliko	Groundwater Pumped on-Farm	County of Maui DWS ¹	County of Maui Ag Park ²	Diversified Agriculture ³	Historic / Industrial Uses ⁴	Reservoir / Seepage / Fire Protection / Evaporation / Dust Control / Hydroelectric ⁵	
									Diverted Reserve to meet Contractual Obligation to County DWS & Ag Park ⁶	Other ⁷
January	29.95	31.70	1.75	1.35	0.32	0.44	22.32	0.04	6.75	3.19
February	32.31	33.62	1.31	7.31	1.03	0.42	29.93	0.04	6.05	3.47
March	39.39	40.34	0.94	3.38	2.19	0.40	31.36	0.03	4.90	4.83
April	33.47	34.53	1.06	4.27	1.38	0.61	28.59	0.04	5.51	2.68
May	30.84	34.77	3.93	4.07	0.69	0.46	27.33	0.04	6.35	3.97
June	36.70	37.01	0.31	5.57	1.74	0.53	31.08	0.04	5.23	3.96
July	34.97	37.47	2.49	5.04	3.49	0.93	36.05	0.04	3.08	-1.08
August	33.25	34.89	1.64	10.62	2.76	0.62	33.19	0.04	4.12	4.79
September	28.72	31.59	2.87	7.38	2.76	0.58	27.09	0.06	4.17	4.32
October	25.33	27.20	1.88	16.87	3.74	0.52	35.57	0.05	3.23	0.95
November	45.55	47.90	2.35	5.59	1.24	0.52	39.13	0.06	5.74	6.80
December										
2024 Average	33.68	35.55	1.87	6.50	1.94	0.55	31.06	0.04	5.01	3.44

1. The numbers in this column are based on reports received from the County of Maui and have not been independently verified by EMI.
2. The numbers in this column are based on reports received from the County of Maui and have not been independently verified by EMI.
3. The numbers in this column are primarily comprised of Mahi Pono's water use for diversified agriculture, as well as the other agricultural uses described in Exhibit B of the quarterly RP reports.
4. Historical/Industrial Uses are non-HC&S uses that have historically relied on water from the EMI Ditch System, even after the closure of HC&S. These include uses by entities located either adjacent to or within the boundaries of the farm and are further described in Exhibit B. Mahi Pono installed meters in March 2022 thus, starting with the Q2 2022 report, the figures reported in this column will reflect actual usage based on those meters. As previously mentioned, HC&D's water usage is no longer accounted for in this column as HC&D is obtaining water from its own well.
5. The numbers in these columns include water not separately accounted for in the columns to the left. The water in on-farm reservoirs is available for use by the County of Maui against brush fires, the risk of which has increased due to the reduction of the irrigated acreage following the cessation of sugar cultivation but is decreasing as Mahi Pono continues to implement its farm plan. Seepage and evaporation inherent to an agricultural ditch system are also included in this column. The water used by the Mahi Pono hydroelectric

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system is non-consumptive and is returned to the ditch after being used to generate clean energy. The water is re-used consumptively by one of the other uses, or if there is no reuse, ends up in the reservoirs.

6. Operationally and pursuant to a contractual agreement with the County of Maui, a minimum of approximately 6 MGD must be reliably conveyed to / made available to the County each and every day so that the County has flexibility regarding when to run its plant depending on weather conditions, demand, water available from its Piiholo plant, etc. Additionally, a minimum of approximately 1.5 MGD must be reliably conveyed to / made available to the County each and every day so that the County can be flexible regarding how to meet the needs of the Ag Park. The numbers in this sub-column reflect the portion of the 7.5 MGD that is made available to the County every day, that the County does not use (i.e., 7.5 MGD less the sum of the amounts used by the County DWS at Kamole Weir and Ag Park). Water that is not used by the County remains in the Ditch System, is transported to Central Maui and any excess is directed to reservoirs located on the former plantation.

7. The numbers in these columns reflect the amount of water not separately accounted for in the columns entitled "County of Maui DWS," "County of Maui Ag Park," "Diversified Agriculture," and "Historic/Industrial Uses" less the reserve needed to meet EMI's contractual obligations to the County of Maui. As has been explained in the past, EMI/Mahi Pono cannot rely on receiving any specific amount of the water provided to the County of Maui to meet the contractual obligations to the County DWS and Kula Ag Park that is not actually consumed by the County ("DIVERTED RESERVE") for the purposes of planning to meet the irrigation needs of Mahi Pono's crops. The amount is unpredictable and unreliable; however, EMI and Mahi Pono do make an effort to use the Diverted Reserve for crop irrigation when feasible.