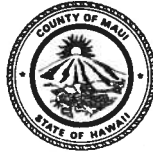


KATHY L. KAOHU
County Clerk



JAMES G.M. KRUEGER
Deputy County Clerk

OFFICE OF THE COUNTY CLERK

COUNTY OF MAUI
200 SOUTH HIGH STREET
WAILUKU, MAUI, HAWAII 96793
www.mauicounty.gov/county/clerk

October 24, 2022

Honorable Yuki Lei Sugimura, Chair
Infrastructure and Transportation Committee
Council of the County of Maui
Wailuku, Hawaii 96793

Dear Chair Sugimura:

Respectfully transmitted is a copy of COUNTY COMMUNICATION NO. 22-265,
from the Deputy Director of Water Supply, that was referred to your Committee by the
Council of the County of Maui at its meeting of October 21, 2022.

Respectfully,

A handwritten signature in black ink that reads "Kathy L. KaoHu". The signature is written in a cursive style with a large, stylized "K" and "H".

KATHY L. KAOHU
County Clerk

/jym

Enclosures

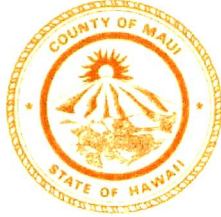
cc: Director of Council Services

RECEIVED
2022 OCT 24 PM 1:15
OFFICE OF THE
COUNTY COUNCIL

MICHAEL P. VICTORINO
Mayor

HELENE KAU
Director

SHAYNE R. AGAWA, P.E.
Deputy Director



RECEIVED

2022 OCT 10 PM 1:44

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DEPARTMENT OF WATER SUPPLY COUNTY CLERK
COUNTY OF MAUI
200 SOUTH HIGH STREET
WAILUKU, MAUI, HAWAII 96793
www.mauicounty.gov/water

October 4, 2022

Honorable Michael P. Victorino,
Mayor, County of Maui
200 South High Street
Wailuku, Hawaii 96793

APPROVED FOR TRANSMITTAL

Michael P Victorino 10/7/22
Mayor Date

For transmittal to:

Honorable Alice Lee, Chair
and Members of the Maui County Council
200 South High Street
Wailuku, Hawaii 96793

Dear Chair Lee and Members:

SUBJECT: MONTHLY SOURCE AND GROUNDWATER USE REPORTS

Attached please find copies of the Department of Water Supply's Monthly Source Report and Groundwater Use Report for the month ending September 2022.

Thank you for your attention to this matter. Should you have any questions or require additional information, please feel free to contact me at Ext. 7834.

Sincerely,

A handwritten signature in black ink that reads "Shayne R. Agawa".

SHAYNE R. AGAWA, P.E.,
Deputy Director of Water Supply

Attachments

COUNTY COMMUNICATION NO. 22-265

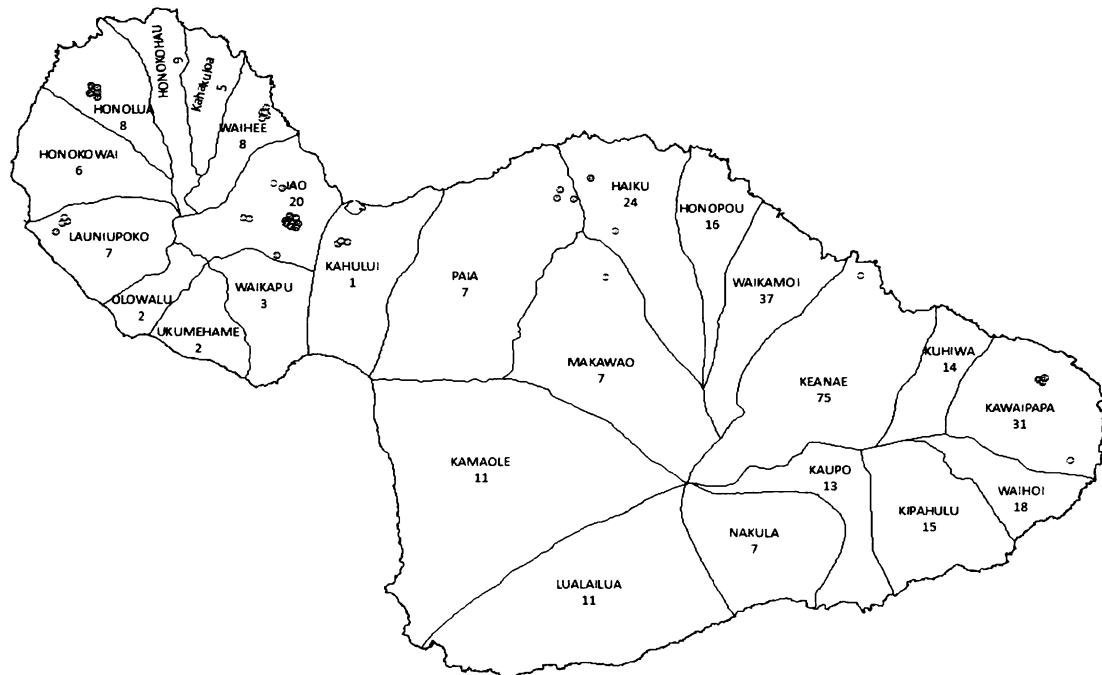
"By Water All Things Find Life"

County of Maui
Dept. of Water Supply
Monthly Source Reports
(Gals X 1000)

WELL NAME	Oct-21	Nov-21	Dec-21	Jan-22	Feb-22	Mar-22	Apr-22	May-22	Jun-22	Jul-22	Aug-22	Sep-22	Current Year	Last 12 Months
<i>Central</i>														
Mokuhau 501	10,743	995	100	0	1,031	14,891	12,056	12,297	7,337	54,818	53,785	68,899	225,113	236,951
Mokuhau 503	76,575	72,090	66,871	90,253	73,445	74,548	95,936	77,789	71,899	38,428	30,064	3,353	555,715	771,251
Waihee 577	74,715	70,213	68,779	70,798	61,754	75,830	77,048	79,481	73,136	79,660	83,978	88,351	690,036	903,743
Waihee 578	72,529	69,390	34,539	45,283	54,422	78,344	76,903	71,408	78,575	91,680	93,796	81,165	671,576	848,034
Waihee 579	72,357	74,466	62,722	68,112	69,465	70,202	71,457	69,200	81,924	76,469	83,353	77,883	668,065	877,610
Waiehu Hts 514	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Waiehu Hts 515	42,221	40,662	37,347	40,059	37,408	41,201	40,971	46,054	46,296	49,135	45,933	43,158	390,215	510,445
Iao	17,417	51,740	18,645	30,837	47,350	17,015	33,859	56,861	59,108	49,263	48,728	50,752	393,773	481,575
Waikapu	40,531	36,146	31,699	36,597	37,340	37,259	32,578	33,165	34,133	37,074	36,509	33,857	318,511	426,887
Wailuku 1	51,467	22,489	59,817	16,590	7,547	48,846	50,815	13,473	13,699	46,278	49,643	27,845	274,736	408,509
Wailuku 2	8,670	4,844	247	169	1,507	109	175	1,727	160	1,399	4,143	3,165	12,554	26,315
DAILY AVERAGE	15,072	14,768	12,283	12,861	13,974	14,782	16,393	14,886	15,542	16,910	17,095	15,948	15,386	15,045
Kepaniwai 511	19,636	19,224	19,860	6,107	9,034	22,320	21,600	22,270	21,531	22,149	22,239	21,600	168,850	227,570
Iao Tunnel	33,289	32,679	26,895	32,918	42,722	49,462	47,699	49,595	48,487	49,918	50,428	48,624	419,853	512,716
DAILY AVERAGE	1,707	1,730	1,508	1,259	1,848	2,316	2,310	2,318	2,334	2,325	2,344	2,341	2,156	2,028
N. Waihee #1	17,730	15,766	11,508	12,327	12,938	13,368	13,539	13,652	14,742	16,079	17,296	14,851	128,793	173,797
N. Waihee #2	14,843	13,771	12,937	15,917	14,457	15,708	14,891	16,175	15,383	15,994	24,546	15,631	148,702	190,253
Kanoa #1	32,703	28,933	27,798	30,791	27,506	31,083	29,211	31,936	30,412	32,117	8,690	0	221,747	311,181
Kanoa #2	26,454	27,866	25,822	27,553	24,305	27,352	27,702	26,748	27,483	44,089	26,604	26,604	259,211	339,353
Kupaa	49,635	48,109	47,645	48,726	44,201	50,727	45,464	50,327	47,851	50,871	27,727	44,451	410,344	555,733
DAILY AVERAGE	4,560	4,482	4,055	4,365	4,407	4,459	4,349	4,509	4,505	4,598	3,947	3,385	4,281	4,302
Maui Lani #5	4,243	4,760	5,053	4,627	4,426	5,052	5,080	4,931	4,797	5,033	4,996	4,754	43,696	57,752
Maui Lani #6	10,390	9,470	9,256	9,209	8,394	9,293	8,993	9,293	8,993	9,274	9,279	7,784	80,512	109,628
Maui Lani #7	14,566	15,894	16,507	15,988	14,868	16,513	15,929	16,448	15,893	16,460	16,325	15,883	144,308	191,275
DAILY AVERAGE	942	1,004	994	962	989	995	1,000	989	989	992	987	947	984	983
<i>UpCountry</i>														
Haiku	1,039	0	0	0	0	0	0	0	0	0	0	0	0	1,039
H' Poko #1	0	0	0	0	5,543	10,998	115	0	0	0	5,914	10,333	32,904	32,904
H' Poko #2	0	0	0	0	6,362	7,597	0	0	0	0	3,286	7,599	24,845	24,845
Kaupakalua	16,813	17,664	16,394	17,102	16,600	19,365	15,566	17,133	17,831	18,175	19,272	17,397	158,441	209,312
Pookela	7,357	26,800	7,639	20,601	34,058	38,202	3,105	7,897	6,823	6,022	20,442	37,085	174,234	216,030
DAILY AVERAGE	813	1,482	775	1,216	2,234	2,457	626	807	822	781	1,578	2,414	1,430	1,326
<i>Lahaina</i>														
Kanaha 575	2,863	3,773	2,060	1,343	4,892	9,277	5,233	5,511	7,210	2,261	8,743	9,054	53,524	62,220
Kanaha 576	3,485	3,631	1,235	754	1,979	6,866	1,616	4,443	922	711	1,893	1,825	21,009	29,360
Waipuka 559	9,192	7,866	3,511	2,790	3,943	6,448	7,571	6,672	3,958	552	2,110	2,851	36,895	57,464
Waipuka 560	6,495	5,463	1,101	625	5,406	11,427	7,151	7,675	7,528	2,178	8,786	10,451	61,227	74,286
Napili A 569	392	1,071	144	83	309	20,766	2,319	2,103	174	594	3,520	3,451	33,319	34,926
Napili B 570	24,046	21,917	18,217	19,448	21,897	25,536	13,624	15,077	18,024	11,264	19,224	2,341	146,435	210,615
Napili C 571	5,169	11,339	8,677	6,739	2,449	5,105	17,925	21,761	34,096	37,638	29,251	33,337	188,301	213,486
Honokahua A 572	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Honokahua B 573	28,904	22,613	19,368	20,724	23,691	26,905	9,016	10,997	3,483	12,734	8,074	18,748	134,372	205,257
DAILY AVERAGE	2,598	2,589	1,752	1,694	2,306	3,624	2,149	2,395	2,513	2,191	2,632	2,735	2,473	2,432
<i>Hana</i>														
Hamoia 597	2,184	6,132	4,238	864	3,597	4,695	1,753	3,419	2,722	3,876	4,742	3,468	29,136	41,690
Hamoia #2	4,918	1,758	3,158	6,492	5,149	3,389	5,657	3,368	3,970	4,037	4,208	4,740	41,010	50,844
Keanae #1	650	219	722	72	657	668	220	504	504	436	11	423	3,494	5,085
Keanae #2	544	829	0	814	168	299	590	548	548	243	624	177	4,011	5,384
Wakui 550 B	2,196	926	3,291	2,522	2,695	2,096	382	1,608	1,703	1,250	2,424	292	14,972	21,385
Wakui C	1,059	2,451	116	1,157	761	1,564	3,284	2,569	2,106	2,773	553	1,970	16,737	20,363
DAILY AVERAGE	373	411	372	385	465	410	396	388	385	407	405	369	401	397
<i>Molokai</i>														
Kawela 551	9,430	395	0	13	6,028	1,915	0	0	1	8,208	1,338	2	17,504	27,329
Kawela 552	9	7,490	9,310	9,327	2,565	2,999	4,161	4,078	3,652	527	5,439	7,322	40,070	56,879
Ualapue 553	4,331	2,124	3,257	3,373	2,993	3,530	3,575	3,839	4,152	3,890	4,718	1,504	31,574	41,286
Ualapue 554	2,117	4,167	1,592	1,965	2,672	4,000	3,151	3,951	3,674	3,548	3,930	4,954	31,845	39,721
Kualapuu	12,395	12,527	8,425	7,970	8,803	14,450	15,766	17,302	18,332	14,398	18,133	16,313	131,467	164,814
Waikalae Tunnel	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DAILY AVERAGE	912	890	729	731	824	868	888	941	994	986	1,083	1,003	925	904

DWS Groundwater Use - Island of Maui							
Aquifer Sector	Aquifer System	Sustainable Yield (MGD)	Well Name	Well No.	Total Pumpage Last 12 Months (G)	Pumpage MAV as of 09/30/22 (GPD)	% Sustainable Yield - DWS
Wailuku	Waikapu	3					
	Iao	20					
			Mokuhau 1	5330-09	236,951,000	649,181	3.25%
			Mokuhau 2	5330-10	0	0	0.00%
			Mokuhau 3	5330-11	771,251,000	2,113,016	10.57%
			Waihee 1	5431-02	903,743,000	2,476,008	12.38%
			Waihee 2	5431-03	848,034,000	2,323,381	11.62%
			Waihee 3	5431-04	877,610,000	2,404,411	12.02%
			Waiehu Heights 1	5430-01	0	0	0.00%
			Waiehu Heights 2	5430-02	510,445,000	1,398,479	6.99%
	0		Kepaniwai	5332-05	227,570,000	623,479	3.12%
			Iao Tank Site Well	5230-02	481,575,000	1,319,384	6.60%
			Waikapu Well	5131-01	426,887,000	1,169,553	5.85%
			Wailuku 1	5230-04	408,509,000	1,119,203	5.60%
			Wailuku 2	5230-05	26,315,000	72,096	0.36%
	Iao Subtotal					15,668,192	78.34%
	Waihee	8					
			North Waihee # 1	5631-02	173,797,000	476,156	5.95%
			North Waihee # 2	5631-03	190,253,000	521,241	6.52%
Central			Kanoa 1	5731-02	311,181,000	852,551	10.66%
			Kanoa 2	5731-04	339,353,000	929,734	11.62%
			Kupaa	5731-03	555,733,000	1,522,556	19.03%
	Waihee Subtotal					4,302,238	53.78%
	Kahakuloa	5					
	Kahului	1					
			Maui Lani #5	5229-04	57,752,000	158,225	15.82%
			Maui Lani #6	5229-05	109,628,000	300,351	30.04%
			Maui Lani #7	5229-06	191,275,000	524,041	52.40%
	Kahului Subtotal					982,616	98.26%
	Kamaole	11					
	Paia	7					
			Hamakuapoko 1	5420-02	32,904,000	90,148	1.29%
			Hamakuapoko 2	5320-01	24,845,000	68,068	0.97%
	Paia Subtotal					158,216	2.26%
	Makawao	7					
			Pookela	5118-02	216,030,000	591,863	8.46%
	Makawao Subtotal					591,863	8.46%
Koolau							
	Haiku	24					
			Kaupakalua	5317-01	209,312,000	573,458	2.39%
			Haiku	5419-01	1,039,000	2,847	0.01%
	Haiku Subtotal					576,304	2.40%
	Honopou	16					
	Waikamoi	37					
	Keanae	75					
			Keanae 1	5108-01	5,085,000	13,932	0.02%
			Keanae 2	5108-02	5,384,000	14,751	0.02%
	Keanae Subtotal					28,682	0.04%
Hana	Kuhiwa	14					
	Kawaipapa	31					
			Hamoia 1	4300-02	41,690,000	114,219	0.37%
			Hamoia 2	4300-03	50,844,000	139,299	0.45%

DWS Groundwater Use - Island of Maui							
Aquifer Sector	Aquifer System	Sustainable Yield (MGD)	Well Name	Well No.	Total Pumpage Last 12 Months (G)	Pumpage MAV as of 09/30/22 (GPD)	% Sustainable Yield - DWS
			Waiuku B	4600-03	21,385,000	58,589	0.19%
			Waiuku C	4600-04	20,363,000	55,789	0.18%
	Kaunapapa Subtotal					367,896	1.19%
	Waihoi	18					
	Kipahulu	15					
Kahikinui	Kaupo	13					
	Nakula	7					
	Lualailua	11					
Lahaina	Honokohau	9					
	Honolua	8					
			Napili A	5838-01	34,926,000	95,688	1.20%
			Napili B	5838-02	210,615,000	577,027	7.21%
			Napili C	5838-04	213,486,000	584,893	7.31%
			Honokahua A	5838-03	0	0	0.00%
			Honokahua B	5938-01	205,257,000	562,348	7.03%
	Honolua Subtotal					1,819,956	22.75%
	Honokowai	6					
	Launiupoko	7					
			Kanaha 1	5339-03	62,220,000	170,466	2.44%
			Kanaha 2	5339-04	29,360,000	80,438	1.15%
			Waipuka 1	5339-01	57,464,000	157,436	2.25%
			Waipuka 2	5339-02	74,286,000	203,523	2.91%
	Launiupoko Subtotal					611,863	8.74%
	Olowalu	2					
	Ukumehame	2					



DWS Groundwater Use - Island of Molokai							
Aquifer Sector	Aquifer System	Sustainable Yield (MGD)	Well Name	Well No.	Total Pumpage Last 12 Months (G)	Pumpage MAV as of 09/30/22 (GPD)	% Sustainable Yield - DWS
West	Kaluakoi	2					
	Punakou	2					
Central	Hoolehua	2					
	Manawainui/Palaau	2					
	Kualapuu	5					
			Kualapuu	0801-03	164,814,000	451,545	9.03%
			Waikalae Tunnel	1059-01	0	0	0.00%
	Kualapuu Subtotal					451,545	9.03%
Southeast	Kamiloloa	3					
	Kawela	5					
			Kawela	0457-01	84,208,000	230,707	4.61%
	Kawela Subtotal					230,707	4.61%
	Ualapue	8					
			Ualapue	0449-01	81,007,000	221,937	2.77%
	Ualapue Subtotal					221,937	2.77%
	Waialua	6					
Northeast	Kalaupapa	2					
	Kahanui	3					
	Waikolu	5					
	Haupu	2					
	Pelekunu	9					
	Wailau	15					
	Halawa	8					

