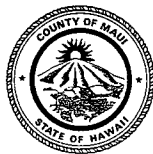


KATHY L. KAOHU
County Clerk



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

April 25, 2022

OFFICE OF THE
COUNTY CLERK

2022 APR 25 PM 1:07

RECEIVED

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

Dear Chair Sugimura:

Respectfully transmitted are copies of the following documents that were referred to your Committee by the Council of the County of Maui at its meeting of April 22, 2022:

COUNTY COMMUNICATIONS:

No. 22-101 - Shayne R. Agawa, Deputy Director of Water Supply

BILL:

No. 75 (2022) - "A BILL FOR AN ORDINANCE AMENDING CHAPTER 3.75, MAUI COUNTY CODE, RELATING TO COMMUNITY FACILITIES DISTRICTS"

Respectfully,

A handwritten signature in black ink, reading "Kathy L. Kaohu".

KATHY L. KAOHU
County Clerk

/jym

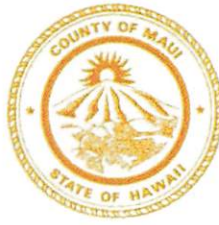
Enclosures

cc: Director of Council Services

MICHAEL P. VICTORINO
Mayor

HELENE KAU
Acting Director

SHAYNE R. AGAWA, P.E.
Deputy Director



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

RECEIVED
2022 APR -8 PM 2:37
OFFICE OF THE
COUNTY CLERK

April 6, 2022

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

APPROVED FOR TRANSMITTAL

Michael P. Victorino 4/7/22
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 March 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. 22-101

"By Water All Things Find Life"

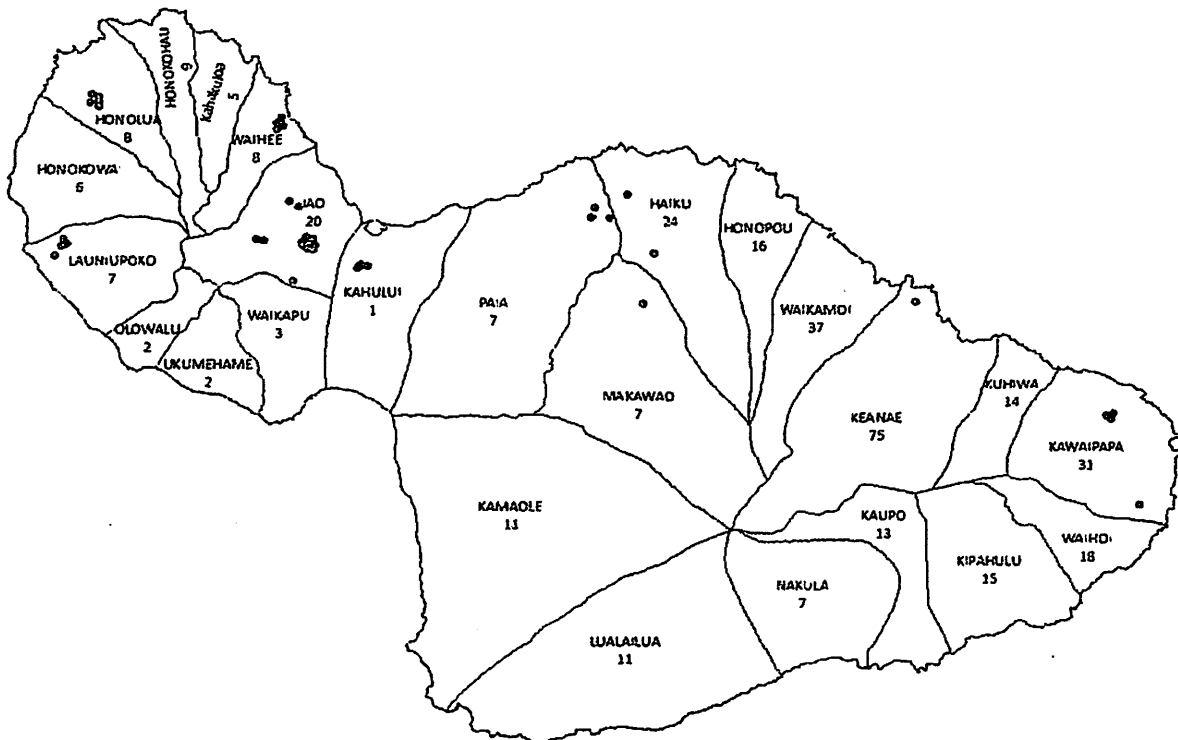
County of Maui
Dept. of Water Supply
Monthly Source Reports
(Gals X 1000)

WELL NAME	Apr-21	May-21	Jun-21	Jul-21	Aug-21	Sep-21	Oct-21	Nov-21	Dec-21	Jan-22	Feb-22	Mar-22	Current Year	Last 12 Months
Central														
Mokuahu 501	925	7,353	18,671	11,108	14,228	15,793	10,743	995	100	0	1,031	14,891	15,921	95,837
Mokuahu 503	53,661	75,762	77,789	90,485	74,183	57,698	76,575	72,090	66,871	90,253	73,445	74,548	238,246	883,360
Waihee 577	66,581	54,832	52,889	60,631	67,021	74,522	74,715	70,213	68,779	70,798	61,754	75,830	208,382	798,565
Waihee 578	56,938	50,970	59,924	61,793	71,811	73,674	72,529	69,390	34,539	45,283	54,422	78,344	178,049	729,617
Waihee 579	80,491	111,665	120,276	122,846	115,585	74,349	72,357	74,466	62,722	68,112	69,465	70,202	207,779	1,042,536
Waiehu Hts 514	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Waiehu Hts 515	39,746	43,013	44,486	43,113	42,861	42,247	42,221	40,662	37,347	40,059	37,408	41,201	118,668	494,364
Iao	31,431	36,286	51,523	33,150	17,907	39,419	17,417	51,740	18,645	30,837	47,350	17,015	95,202	392,720
Waikapu	28,126	33,252	36,268	37,242	35,545	40,643	40,531	36,146	31,699	36,597	37,340	37,259	111,195	430,647
Wailuku 1	43,225	37,599	42,290	34,441	46,442	22,683	51,467	22,489	59,817	16,590	7,547	48,846	72,983	433,436
Wailuku 2	0	0	416	24,123	32,859	24,407	8,670	4,844	247	169	1,507	109	1,785	97,351
DAILY AVERAGE	13,371	14,540	16,818	16,740	16,724	15,515	15,072	14,768	12,283	12,861	13,974	14,782	13,869	14,790
Kepaniwai 511	19,224	19,861	19,114	19,865	19,636	19,144	19,636	19,224	19,860	6,107	9,034	22,320	37,461	213,025
Iao Tunnel	30,895	30,946	30,902	32,450	33,289	32,255	33,289	32,679	26,895	32,918	42,722	49,462	125,102	408,702
DAILY AVERAGE	1,671	1,639	1,667	1,688	1,707	1,713	1,707	1,730	1,508	1,259	1,848	2,316	1,806	1,703
N. Waihee #1	46,966	48,942	47,203	49,039	17,730	15,654	17,730	15,766	11,508	12,327	12,938	13,368	38,634	309,172
N. Waihee #2	1,718	217	231	423	14,843	13,247	14,843	13,771	12,937	15,917	14,457	15,708	46,082	118,312
Kanoa #1	45,831	51,664	52,637	54,774	32,703	30,184	32,703	28,933	27,798	30,791	27,506	31,083	89,381	446,608
Kanoa #2	497	400	252	377	26,454	26,611	26,454	27,866	25,822	27,553	24,305	27,352	79,210	213,943
Kupaa	48,896	50,162	49,148	49,850	49,635	48,123	49,635	48,109	47,645	48,726	44,201	50,727	143,653	584,856
DAILY AVERAGE	4,797	4,883	4,982	4,983	4,560	4,461	4,560	4,482	4,055	4,365	4,407	4,459	4,411	4,583
Maui Lani #5	77	68	86	459	46	408	4,243	4,760	5,053	4,627	4,426	5,052	14,105	29,305
Maui Lani #6	10,728	10,873	10,592	11,685	22,320	21,321	10,390	9,470	9,256	9,209	8,394	9,293	26,896	143,531
Maui Lani #7	15,929	16,462	15,950	15,701	10,821	10,581	14,566	15,894	16,507	15,988	14,868	16,513	47,370	179,781
DAILY AVERAGE	891	884	888	898	1,071	1,077	942	1,004	994	962	989	995	982	966
UpCountry														
Haiku	9,907	10,381	12,377	13,681	13,887	13,178	1,039	0	0	0	0	0	0	74,450
H' Poko #1	0	0	3,801	6,034	0	0	0	0	0	0	5,543	10,998	16,542	26,377
H' Poko #2	0	0	2,478	4,565	0	0	0	0	0	0	6,362	7,597	13,960	21,003
Kaupakalua	16,932	17,409	20,022	18,465	17,506	17,218	16,813	17,664	16,394	17,102	16,600	19,365	53,067	211,490
Pookela	1	0	6,638	23,812	4,893	174	7,357	26,800	7,639	20,601	34,058	38,202	92,860	170,174
DAILY AVERAGE	895	896	1,511	2,147	1,171	1,019	813	1,482	775	1,216	2,234	2,457	1,960	1,379
Lahaina														
Kanaha 575	86	65	5,794	5,697	7,867	5,256	2,863	3,773	2,060	1,343	4,892	9,277	15,512	48,973
Kanaha 576	254	1,940	9,385	8,735	8,467	3,062	3,485	3,631	1,235	754	1,979	6,866	9,599	49,793
Waipuka 559	330	2,604	9,235	7,840	10,303	9,549	9,192	7,866	3,511	2,790	3,943	6,448	13,181	73,611
Waipuka 560	102	63	6,466	10,195	10,126	8,434	6,495	5,463	1,101	625	5,406	11,427	17,458	65,903
Napili A 569	103	254	1,858	1,482	542	265	392	1,071	144	83	309	20,766	21,158	27,269
Napili B 570	7,334	22,482	16,971	15,820	14,367	25,523	24,046	21,917	18,217	19,448	21,897	25,536	66,881	233,558
Napili C 571	35,635	16,521	41,068	43,649	43,711	9,073	5,169	11,339	8,677	6,739	2,449	5,105	14,293	229,135
Honokahua A 572	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Honokahua B 573	4,254	14,316	21,685	31,230	29,716	28,960	28,904	22,613	19,368	20,724	23,691	26,905	71,320	272,366
DAILY AVERAGE	1,603	1,879	3,749	4,021	4,035	3,004	2,598	2,589	1,752	1,694	2,306	3,624	2,549	2,741
Hana														
Hamoia 597	4,527	2,486	1,186	4,419	2,380	6,323	2,184	6,132	4,238	864	3,597	4,695	9,156	43,031
Hamoia #2	2,591	6,237	229	4,428	5,895	774	4,918	1,758	3,158	6,492	5,149	3,389	15,030	45,018
Keanae #1	409	539	1,222	124	741	519	650	219	722	72	657	668	1,396	6,541
Keanae #2	1,029	1,280	626	1,011	438	575	544	829	0	814	168	299	1,281	7,613
Wakiu 550 B	1,163	2,064	1,131	1,308	1,106	1,921	2,196	926	3,291	2,522	2,695	2,096	7,313	22,419
Wakiu C	2,641	1,674	2,900	2,540	2,347	1,228	1,059	2,451	116	1,157	761	1,564	3,482	20,438
DAILY AVERAGE	412	461	243	446	416	378	373	411	372	385	465	410	418	397
Molokai														
Kawela 551	7,855	9,371	9,662	1,737	1,560	7,016	9,430	395	0	13	6,028	1,915	7,955	54,981
Kawela 552	1,324	9	4	5,255	3,034	3	9	7,490	9,310	9,327	2,565	2,999	14,891	41,329
Ualapue 553	3,232	5,125	2,251	3,619	1,819	2,238	4,331	2,124	3,257	3,373	2,993	3,530	9,896	37,892
Ualapue 554	3,032	1,642	5,843	3,831	5,086	3,793	2,117	4,167	1,596	1,865	2,672	4,000	8,637	39,740
Kualapuu	10,587	12,326	13,622	16,669	17,782	13,534	12,395	12,527	8,425	7,970	8,803	14,450	31,223	149,090
Waikalae Tunnel	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DAILY AVERAGE	868	918	1,046	1,004	945	886	912	890	729	731	824	868	807	885

DWS Groundwater Use - Island of Maui

Aquifer Sector	Aquifer System	Sustainable Yield (MGD)	Well Name	Well No.	Total Pumpage Last 12 Months	Pumpage MAV as of 03/31/22	% Sustainable Yield
Waialuku	Waikapu	3					
	Iao	20					
			Mokuahau 1	5330-09	95,837,000	262,567	1.31%
			Mokuahau 2	5330-10	0	0	0.00%
			Mokuahau 3	5330-11	883,360,000	2,420,164	12.10%
			Waihee 1	5431-02	798,565,000	2,187,849	10.94%
			Waihee 2	5431-03	729,617,000	1,998,951	9.99%
			Waihee 3	5431-04	1,042,536,000	2,856,263	14.28%
			Waiehu Heights 1	5430-01	0	0	0.00%
			Waiehu Heights 2	5430-02	494,364,000	1,354,422	6.77%
			Kepaniwai	5332-05	213,025,000	583,630	2.92%
			Iao Tank Site Well	5230-02	392,720,000	1,075,945	5.38%
			Waikapu Well	5131-01	430,647,000	1,179,855	5.90%
			Waialuku 1	5230-04	433,436,000	1,187,496	5.94%
			Waialuku 2	5230-05	97,351,000	266,715	1.33%
	Iao Subtotal					15,373,858	76.87%
	Waihee	8					
			North Waihee # 1	5631-02	309,172,000	847,047	10.59%
			North Waihee # 2	5631-03	118,312,000	324,142	4.05%
			Kanoa 1	5731-02	446,608,000	1,223,584	15.29%
			Kanoa 2	5731-04	213,943,000	586,145	7.33%
			Kupaa	5731-03	584,856,000	1,602,345	20.03%
	Waihee Subtotal					4,583,263	57.29%
	Kahakuloa	5					
Central	Kahului	1					
			Maul Lani #5	5229-04	29,305,000	80,288	8.03%
			Maul Lani #6	5229-05	143,531,000	393,236	39.32%
			Maul Lani #7	5229-06	179,781,000	492,551	49.26%
	Kahului Subtotal					966,074	96.61%
	Kamaole	11					
	Paia	7					
			Hamakuapoko 1	5420-02	26,377,000	72,266	1.03%
			Hamakuapoko 2	5320-01	21,003,000	57,542	0.82%
	Paia Subtotal					129,808	1.85%
	Makawao	7					
			Pookela	5118-02	170,174,000	466,230	6.66%
	Makawao Subtotal					466,230	6.66%
Koolau	Haiku	24					
			Kaupakalua	5317-01	211,490,000	579,425	2.41%
			Haiku	5419-01	74,450,000	203,973	0.85%
	Haiku Subtotal					783,397	3.26%
	Honopou	16					
	Waikamoi	37					
	Keanae	75					
			Keanae 1	5108-01	6,541,000	17,921	0.02%
			Keanae 2	5108-02	7,613,000	20,858	0.03%
	Keanae Subtotal					38,778	0.05%
Hana	Kuhiwa	14					
	Kawaiipapa	31					
			Hamoia 1	4300-02	43,031,000	117,893	0.38%
			Hamoia 2	4300-03	45,018,000	123,337	0.40%

Aquifer Sector	Aquifer System	Sustainable Yield (MGD)	Well Name	Well No.	Total Pumpage Last 12 Months	Pumpage MAV as of 03/31/22	% Sustainable Yield
Kahikinui			Waihi B	4600-03	22,419,000	61,422	0.20%
			Waihi C	4600-04	20,438,000	55,995	0.18%
	Kawaihewa Subtotal					358,647	1.16%
	Waihi	18					
	Kipahulu	15					
	Kaupo	13					
	Nakula	7					
	Lualailua	11					
	Honokohau	9					
	Honolua	8					
Honolua			Napili A	5838-01	27,269,000	74,710	0.93%
			Napili B	5838-02	233,558,000	639,885	8.00%
			Napili C	5838-04	229,135,000	627,767	7.85%
			Honokahua A	5838-03	0	0	0.00%
			Honokahua B	5938-01	272,366,000	746,208	9.33%
	Honolua Subtotal					2,088,570	26.11%
	Honokowai	6					
	Launipoko	7					
			Kanaha 1	5339-03	48,973,000	134,173	1.92%
			Kanaha 2	5339-04	49,793,000	136,419	1.95%
Launipoko			Waipuka 1	5339-01	73,611,000	201,674	2.88%
			Waipuka 2	5339-02	65,903,000	180,556	2.58%
	Launipoko Subtotal					652,822	9.33%
	Olowalu	2					
	Ukumehame	2					



DWS Groundwater Use - Island of Molokai									
Aquifer Sector	Aquifer System	Sustainable Yield	Developable Yield	Well Name	Well No.	Total Pumpage Last 12	Pumpage MAV as of 03/31/22	Sustainable Yield - % DWS	% DY MWWGR
West	Kaluakoi	2	2						
	Punakou	2	2						
Central	Hoolehua	2	2						
	Manawainui/Palaau	2	2						
	Kualapuu	5	5	Kualapuu	0801-03	149,090,000	408,466	8.17%	8.17%
				Waikalae Tunnel	1059-01	0	0	0.00%	0.00%
	Kualapuu Subtotal						408,466	8.17%	8.17%
Southeast	Kamiloa	3	3						
	Kawela	5	5	Kawela	0457-01	96,310,000	263,863	5.28%	5.28%
	Kawela Subtotal						263,863	5.28%	5.28%
	Ualapue	8	8	Ualapue	0449-01	77,632,000	212,690	2.66%	2.66%
	Ualapue Subtotal						212,690	2.66%	2.66%
Northeast	Waialua	6	8						
	Kalaupapa	2	0						
	Kahanui	3	0						
	Waikolu	5	4.5						
	Haupu	2	0						
	Pelekunu	9	0						
	Wailau	15	0						
	Halawa	8	0						

