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STATE OF HAWAI'I | KA MOKU'ĀINA 'O HAWAI'I DEPARTMENT OF LAND AND NATURAL RESOURCES | KA 'OIHANA KUMUWAIWAI 'ĀINA COMMISSION ON WATER RESOURCE MANAGEMENT | KE KAHUWAI PONO

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STAFF SUBMITTAL

COMMISSION ON WATER RESOURCE MANAGEMENT

August 19, 2025 Honolulu, Hawai'i

Stream Protection and Management Branch - Request and Delegation of Authority to Chairperson to Enter into a Joint Funding Agreement with U.S. Geological Survey for Statewide Hydrologic Data Collection and Water Resource Monitoring for Federal Fiscal Year (FFY) 2026; and

Declare that this Project is Exempt from the Preparation of an Environmental Assessment under Hawai'i Revised Statutes Chapter 343

SUMMARY OF REQUEST

Staff recommends that the Commission on Water Resource Management (Commission) enter into a Joint Funding Agreement (Agreement) with the U.S. Geological Survey (USGS) for the inventory and investigation of Hawai'i's water resources. This critical annual joint funding agreement supports the statewide cooperative monitoring program.

BACKGROUND

The cooperative monitoring of Hawai'i's hydrologic resources began in 1909 when the USGS entered into an Agreement with the Territory of Hawai'i. Initially, monitoring was focused on surface water, and 12 streams were gaged continuously. By 1914, there were 87 continuous-record stations, largely serving the data needs of sugarcane plantations. Following statehood, the Division of Water and Land Development (DOWALD) managed the Agreement with USGS for the Department of Land and Natural Resources (DLNR) to maintain funding for many gages. The program continued to grow, peaking in 1966 with 197 operational stream gages. In 1972, ground water data collection became an integral part of the Agreement with 170 observation wells throughout the State covering baseline data.

With the passage of the State Water Code in 1987, responsibility to coordinate monitoring programs and activities concerning water resource protection and management was transferred to the Commission. The cooperative monitoring of Hawai'i's hydrologic resources is part of the Commission's mandate to "maintain an inventory of all water uses and water resources." Haw. Rev. Stat. (HRS) §174C-5(14). The program also helps the Commission to assess how climate variability, changing land use, and increasing water demands affect water resources.

Staff Submittal
USGS Annual Joint Funding Agreement for FFY 26

August 19, 2025

Maintaining a long-term hydrologic monitoring program with the USGS is an essential component of the Commission's Water Resource Protection Plan (WRPP), including studying:

...the effect on the environment, procreation of aquatic life and wildlife, and water quality; study the quantity and quality of water needed for existing and contemplated uses, including irrigation, power development, geothermal power, industrial, and municipal uses; study such other related matters as drainage, reclamation, flood hazards, floodplain zoning, dam safety, and selection of reservoir sites, as they relate to the protection, conservation, quantity, and quality of water. (HAR §13-170-21)

Over the years, stream and well observation gages were discontinued for a variety of reasons, including a shift in fiscal priorities, economic realities, completion of data acquisition objectives, and reduction of plantation partnership engagement as plantations ceased operations. Beginning in 1998, the Commission streamlined the Agreement by transferring the crest-stage streamgaging program to the City and County of Honolulu (for Oʻahu) or the Hawaiʻi Department of Transportation (for neighbor islands) where this data (e.g., flooding issues) are more relevant to disaster response than sustainability issues. In addition, the Waiāhole Trust Fund was established in 1997 to defray the cost of monitoring the stream and rainfall gages within the region impacted by the Waiāhole Ditch.

Duplication of groundwater data collection by Commission and USGS at the same well sites was eliminated in 1998. Groundwater data gathering changed and expanded to incorporate data provided by water system purveyors and well owners, who were required by law and rule to report their water use, water levels, and chloride levels. Further, the need for an expanded monitoring network to understand regional drought conditions, water availability for resource management decisions, and surface water-groundwater interactions, all under changing climate conditions. Commission staff has also developed in-house capacity and expertise to take over monitoring of selected well sites. As a result, the Commission's Ground Water Branch, Resource Assessment Section has assumed the monitoring of many wells previously monitored by the USGS.

During the economic recession of the mid-2000s, watershed management grant funding through the Division of Forestry and Wildlife (DOFAW) that supported many stream gaging stations in forest reserves was discontinued. To maintain the continuity of important monitoring records, money from the Commission budget was dedicated to the operation and maintenance costs for these stations as part of the Agreement. In 2011, the Commission's Stream Protection and Management (SPAM) Branch began to monitor interim instream flow standards (interim IFS) on the island of Maui with the assistance of USGS. Additional monitoring has been needed to ensure compliance with interim IFS established throughout the State.

Commission staff has also developed the in-house capacity and expertise to install, maintain, and monitor gages at selected surface water locations. While the overall installation cost and the operation and maintenance cost per station can be much lower when Commission staff maintains a stream gaging station, dedicating valuable staff time to this type of work takes away from the SPAM Branch's other duties, including the development of interim IFS. Substantial staff effort (e.g., cost and time) is required to maintain a stream gaging station. With limited staff

availability, expanding the Agreement is the only mechanism to collect much needed data. Additionally, USGS maintains high quality assurance and quality control standards, which can be challenging for the Commission to replicate with limited staffing. Commission staff have also worked with other state, county, and federal agencies to support the collection of hydrological data.

CURRENT AGREEMENT

The total cost of the Agreement, the Commission's share of the cost, and the costs for operating and maintaining each type of rainfall, stream, and groundwater monitoring station have been standardized across stations. The most recent years are provided in Table 1.

As Hawai'i faces increasing challenges to assessing water availability and meeting statewide water demands, the need to expand our monitoring network has become more urgent than ever. Strengthening the Commission's ability to understand regional drought conditions, assess water availability for resource management decisions, and understand surface-ground water interactions is essential for informed and adaptive resource management in a changing climate.

The 2019 Update to the WRPP identified a need to monitor the hydrological consequences of climate change across the State. Further, the 2020 USGS Hydrological Monitoring Needs Assessment for the State of Hawai'i (USGS Scientific Investigations Report 2020-5115) identified the location of new rainfall and streamflow monitoring stations needed to fully implement a hydrological monitoring network to characterize the consequences of current climate patterns for water availability. Stations re-established in locations with previous long-term streamflow continuous records can also be used to help track shifts in water availability or hydrological processes associated with climate change.

Table 1. Summary of annual cost requirements for various stations and the source of funds for the CWRM-USGS statewide hydrologic data collection agreement.

Cost of services or source of funds	FFY2022	FFY2023	FFY2024	FFY2025	FFY2026
Total Joint Funding Requirement	\$1,133,1441	\$1,261,031	\$1,231,072	\$1,277,633	\$1,598,513
Expected (full-year) CWRM cost-share not to exceed	\$909,076	\$1,005,646	\$999,964	\$1,021,806	\$907,95922
Percentage CWRM cost-share	80%	80%	82%	80%	57%

¹Does not reflect discount applied due to FFY2021 reduced services associated with the SARS-COV-2 pandemic ²Reflects a one-time infusion of \$250,000 cooperative matching dollars available from the USGS to off-set the Commission's costs as well as deferred Operation & Maintenance costs associated with stations funded in FFY2025

AGREEMENT COMPONENTS

Rainfall Monitoring

The State Climate Program was originally located under DOWALD within DLNR. DOWALD acted as a repository for climate data collected by disparate entities (mostly private agricultural companies). With the passage of the State Water Code and the establishment of the Commission in 1987, the State Climate Program was transferred to the University of Hawai'i (UH) Department of Meteorology. While UH does not serve the same function as DOWALD, it continues to be a repository for climate data and field data requests.

Through the Agreement, the Commission has funded the monitoring of rainfall in important locations throughout the state for the last few decades. Rainfall stations all provide real-time continuous data that are relied upon by the Commission, federal government (e.g., National Weather Service), state and county agencies (e.g., Departments of Civil Defense, Emergency Management, Public Works), and the public to closely monitor weather conditions. Commission staff continue to work with UH staff to implement and help fund the Hawai'i Mesonet real-time climate monitoring network across the state.

The Commission currently co-funds 17 rainfall gaging stations across the state with the USGS. The co-location of USGS-maintained rainfall and streamflow monitoring stations is beneficial for water resource management, hydrologic studies, as well as for practicable purposes since the installation and maintenance costs are lower. In FFY 2026, the Commission is adding two additional co-located rainfall stations to the network:

- 1) at USGS 16587000 on Honopou Stream in Huelo, Maui
- 2) at USGS 210825157004301 Kualapu'u Deep Monitor Well, Moloka'i

Groundwater Monitoring

The nature of the FFY 2026 Agreement and relationship of the parties remains the same as FFY 2025 for groundwater data collection. USGS will continue to monitor nine (9) ground water observation wells for the Commission, taking quarterly or bi-monthly depth conductivity, temperature, and depth (CTD) profiles. In a few locations, ground water levels are monitored in real-time.

Streamflow Monitoring

With respect to streamflow monitoring, the Agreement in FFY 2026 will cover the installation costs of the three (3) new stations added to the Agreement in FFY 2025 and the reconnaissance/permitting/equipment costs for additional stream gaging stations to be added to future agreements. The installation costs vary widely depending on the location, land ownership, and accessibility. Therefore, the initial reconnaissance of these stations will provide more accurate installation cost estimates for future agreements. In the FY 2026 State Budget, the Commission received an increase of \$400,000 in general funds to cover the costs of additional stream gaging related to the establishment or monitoring of interim IFS, especially in streams impacted by potential water leases and water management areas. Stations re-established in

locations with previous long-term streamflow monitoring can also be used to help track shifts in water availability or hydrological processes associated with climate change. The new stations are:

- 1) USGS 16751500 'Āwini Puali Gulch in Hāwī: The reconnaissance and permitting of a permanent station was paid for in FFY 2025; this station will be maintained as a low-flow station and will be upgraded to a real-time monitoring station under this Agreement for FFY 2026. This is a natural flow index station on the North Kohala side of Hawai'i Island. Off-stream uses include farmers and domestic uses.
- 2) USGS 16757000 Waikoloa Stream nr Waimea: The reconnaissance and permitting of a permanent station was paid for in FFY 2025; this station will be maintained as a low-flow station and will be upgraded to a real-time monitoring station under this Agreement for FFY 2026. This is a natural flow index station on the South Kohala side of Hawai'i Island whose off-stream uses include Hawai'i County DWS, Parker Ranch, and the Department of Hawaiian Home Lands.
- 3) USGS 16405500 Waikolu Str at alt 900 ft nr Kalaupapa: The reconnaissance, permitting, and installation of this station will be done under this Agreement for FFY 2026. This is an interim IFS monitoring station important for management of surface and groundwater in Waikolu Stream affected by the Moloka'i Irrigation System, whose uses include Department of Agriculture farming lessees and the Department of Hawaiian Home Lands.
- 4) Waihe'e River below Spreckels Ditch: The reconnaissance and installation of a real-time low-flow station will be paid for under this Agreement for FFY 2026; this station monitors the interim IFS on Waihe'e River and will replace the current station operated by the Commission. Off-stream uses include Nā Wai 'Ehā water use permit holders and commercial agriculture.
- 5) USGS 16565000 Ka'aiea Gulch nr Huelo: The reconnaissance, permitting, and installation of this station will be done under this Agreement for FFY 2026. This station monitors natural flow diverted by the East Maui Irrigation System and was active from 1922 to 1962.
- 6) USGS 16018000 Koaie Stream near Waimea: The reconnaissance and permitting for a real-time continuous-record gaging station will be paid for under this Agreement for FFY 2026. This station monitors natural flow diverted by Agribusiness Development Corporation and Kekaha Agricultural Association at the Kekaha Ditch.
- 7) Wailoa Stream near Waipi'o: The reconnaissance and permitting for a real-time continuous-record gaging station will be paid for under this Agreement for FFY 2026. This station monitors regulated flow diverted by the Department of Agriculture at the Upper Hāmākua (Waimea) Ditch and Lower Hāmākua Ditch.

<u>OTHER</u>

I. Chapter 343 – Environmental Assessment (EA) Compliance

Environmental Assessment ("EA") Triggers

Under HRS §343-5, the use of state funds triggers the need for an EA unless an exemption applies.

EA Exemption

The proposed action is exempt from an EA based on the Exemption List for the Commission on Water Resource Management approved by the Environmental Council on January 5, 2021, and falls under Exemption Class 5, Part 1, No. 3, which provides for "Installation of new, small groundwater, surface water, or climatological monitoring and data collection equipment, structures that house or protect this equipment, and installation of electrical, telemetry, or communications systems to service these equipment or structures." No exemption notice is required.

Consistency with the Hawai'i Water Plan

Water Resource Protection Plan 2019 Update – The 2019 Update to the Water Resource Protection Plan identified a need to monitor the hydrological consequences of climate change across the State and the need for reliable, long-term data to make sound water management decisions. Chapter 3 of the WRPP includes an Action Plan that recommends the Commission have "a solid and up-to-date foundation of data on Hawai'i water resources, water use, and water dynamics is used to make water resource management decisions" (Goal: 1). Monitoring of rainfall, groundwater and surface water allows for an accounting of the quantity and variability of water, whether streamflows are sufficient to meet environmental and cultural needs, and how water is made available for human use.

RECOMMENDATIONS:

Staff recommends that the Commission:

- 1) Authorize the Chairperson to enter into a Joint Funding Agreement with the U.S. Geological Survey for FFY 2026 to undertake the specified monitoring activities;
- 2) Delegate authority to the Chairperson to modify the list of monitoring stations, provided that there is no increase in cost to the Commission; and
- 3) Find that this Joint Funding Agreement is exempt from the preparation of an environmental assessment under HRS chapter 343 based on the Exemption List for the Department of Land and Natural Resources approved by the Environmental Council on January 5, 2021.

The terms of this Agreement are subject to the approval of the Department of the Attorney General. Agreements with a federal agency are exempt from procurement. As such, the Agreement will be executed in accordance with HRS §103D-102(b)(3).

Ola i ka wai,

CIARA W.K. KAHAHANE

Deputy Director

Exhibit (s): 1. Summary of Changes to the Cooperative Program: 2018 to 2026

2. Proposed Scope of Services

3. Monitoring Stations to be funded in the FFY 2026 Agreement

APPROVED FOR SUBMITTAL:

DAWN N.S. CHANG

Chairperson

Staff Submittal USGS Annual Joint Funding Agreement for FFY 26

SUMMARY OF CHANGES TO THE COOPERATIVE PROGRAM: 2018 to 2026

Federal Fiscal	Streamflow	Groundwater	Rainfall	CWRM	Change and Comments
2018	27	6	17	\$495,520	CWRM cost share increases to 67% CWRM staff to assume monitoring of three wells previously monitored by the USGS
2019	32	6	17	\$624,317	Waiāhole Trust Fund to provide \$67,200 for Waiāhole stations Erive new gaging stations added to agreement (4 stream, 1 ditch): Waiahi on Kaua'i; Honomanū, Kahoma, Wailuku, Kau'aula on Maui; Kauaula Ditch (Maui)
2020	39	6	17	\$859,139	 Waiāhole Trust Fund to provide \$91,564 for Waiāhole stations Seven new stream gaging stations added to the agreement: Waimea River, North Fork Wailua River, and Huleia Stream on Kaua'i; Kamananui Stream on O'ahu; Waikolu Stream and East Fork Kawela Stream on Moloka'i; Naili'iliha'ele Stream on Maui.
2021	39	6	15	\$696,864	 Honolulu BWS assumes responsibility for providing cooperative funds for four streamflow gaging stations and two rainfall stations on Oahu. CWRM will assume responsibility for providing cooperative funds for one station previously funded by HiEMA on Wainiha Stream, Kauai (USGS 16108000) The reconnaissance costs for three new stations are provided in FY2021
2022	42	6	18	\$775,932	 Installation costs for Ukumehame, Maui, Kaupuni, Oahu, and Wailuku, Hawaii whose permitting costs were paid for in FY2021 Permitting costs for three new stream gaging stations added to the Agreement: Waihanau Stream, Moloka'i; Waikapū Stream, Maui; Manowai'opae Stream, Hawai'i
2023	47	6	18	\$1,005,646	 Installation costs for two new stream gaging stations added to the Agreement: Hakalau Stream, Hawai'i; Manowai'ōpae Stream, Hawai'i Two low-flow stations previously funded separately added to the Agreement: 16522950 Pi'ina'au Stream, Maui; 16751500 Awini Puali, Hawai'i Requested HI DOT take responsibility for funding 16049000 Hanapēpē River Requested Hawai'i DWS take responsibility for funding 16757000 Waikoloa Stream
2024	46	9	17	\$999,964	 Data collection at two wells was discontinued due to poor site conditions Kauai DOW assumes responsibility for funding two stream and one rainfall station One low-flow station will be removed from Kaua'ula Stream (16643100) and one low-flow station will be added to Puohokamoa Stream (16545000).
2025	44	9	17	\$1,021,806	 Data collection at two stations was discontinued: 16522950 Pi'ina'au Stream, Maui; 160103000 Hanalei Stream Two low-flow stations will be upgraded to real-time: 16409000 Waihanau Stream, Moloka'i; 16545000 Puohokamoa, Maui; 16757000 Waikoloa Stream, Hawai'i
2026	49	9	19	\$907,959	1. One low-flow stations will be upgraded to real-time: 16751500 'Āwini Puali, Hawai'; 2. Funding for previously discontinued stations on will be added: 16565000 Ka'aiea Gulch, Maui; 16405500 Waikolu Stream at 900ft, Moloka'i; 16732200 Wailoa Stream, Hawai'i and 16018000 Koaie Stream, Kauai 3. One currently operated CWRM station will be converted to a USGS low-flow station: Waihe'e River below Spreckels Ditch

EXHIBIT 1

Statewide Hydrologic Data Collection and Water Resource Monitoring for Federal Fiscal Year (FFY) 2026

PROPOSED SCOPE OF SERVICES

- 1. This Joint Funding Agreement ("Agreement") is a continuation of the joint funding agreement for the collection of hydrological data in the State of Hawai'i between the U.S. Geological Survey, United States Department of the Interior and the Commission on Water Resource Management ("Commission"), Department of Land and Natural Resources, State of Hawai'i ("customer").
- 2. The scope of services involves the collection and computation of data on water resources collected in multiple locations throughout the State of Hawai'i ("program").
- 3. U.S. Geological Survey shall collect data at an agreed upon list of surface water stations, ground water monitoring stations, and rainfall stations, as set forth in Exhibit 3 which is attached hereto and incorporated by reference.
- 4. U.S. Geological Survey shall provide data summary reports and review of historical data sets.
- 5. U.S. Geological Survey shall host the maps, data, and reports resulting from this program in a publicly accessible website and shall provide the Commission Staff direct and easy access to acquire, download, or transfer the data and report from a USGS server. The parties shall use good faith efforts to resolve any disagreements in the scope and validation of data acquisition and the contents of the report.
- 6. U.S. Geological Survey shall provide a readable statement of cooperative relations and visually identifiable symbol of the Commission as a cooperator in print, digital, and online publications of the data and reports of the monitoring stations that are included in the current cooperative program, and as well as the stations that were historically supported and funded by the Commission.
- 7. At least quarterly and upon request by the Commission on Water Resource Management, the U.S. Geological Survey will update Commission Staff on the progress of its work on this Joint Funding Agreement.
- 8. The Commission on Water Resource Management shall assist the U.S. Geological Survey in its work under the Joint Funding Agreement to the extent feasible and practicable under existing resources of the Commission.

MONITORING STATIONS TO BE FUNDED IN THE FFY 2026 AGREEMENT

		State of Hawaii Commission on Water Resource Management	Discipline	Customer Funds	USGS Cooperative	Customer Funds	\$ Increase %	% Increase	Other Fundine	Total Program
		USGS Cooperative Gaging Station Program	M9	21,551	5,289	22,360				27,649
science for a changing world		aptember 30, 2026	WO	7,171	1759	7.440	269	3.8%		9 199
			797	093 084	201 780	1 128 159	135 075	13.6%	141 717	1 561 665
	Prepared 07/14/2025		Grand Total	1.021.806	298.837	1.157.959	136,153	13.3%	141.717	1.598 513
				FFY2	FFY25 Credit (USGS CMF) = Total Customer =	(250,000)	(113,847)	-11.1%		
Discipline Collection Code	Site Number	Sign	Customer Remarks	Prior Year Customer Funds	USGS Cooperative	Customer Funds	\$ Increase %	% Increase	Other Funding	Total Program
			FFY26 Recon permit. & purchase equip. FFY27 install and operate O station.	-		36.000		100	9	36.000
			FFY26 Recon permit, & purchase equip. FFY27 install and operate Q station.			36,000	36,000	AN		36,000
	16018000		FFY26 Recon. permit, & purchase equip. FFY27 install and operate Q station.		- 12	36,000	36,000	NA		36,000
PRECIPCONT	194117155174801		Precipitation published	8,985	2,205	9,325	340	3.8%		11,530
	194602155091801		Precipitation, published, Co-located with 16717000 (SW).	5,862	1,438	6,082	220	3.8%	•	7,520
	194945155534402	92.5 Kiholo Rain Gage, HI	Precipitation published	8,985	2,205	9,325	340	3.8%	•	11,530
	200518155405801	185.7 Kawainui Rain Gage nea	Precipitation published	8,985	2,205	9,325	340	3.8%		11,530
	203721156151601		Precipitation, published	8,985	2,205	9,325	340	3.8%	9	11,530
	204916156083701	348.5 West Wailuaiki Rain Gage nr Keanae, Maui, HI	Precipitation, published. Co-located with 16518000 (SW).	5,862	1,438	6,082	220	3.8%	,	7,520
	205735156351301		Precipitation, published. Co-located with 16620000 (SW).	5,852	1,438	6,082	220	3.8%	•	7,520
	212855157504501		Precipitation, published	8,985	2,205	9,325	340	3.8%		11,530
	213237157530701	. 886.4 Kahana Rain Gage at alt	Precipitation, published, Co-located with 16296500 (SW).	5,852	1,438	6,082	220	3.8%	٠	7,520
	213608158011101	. 897.9 Pupukea Rd Rain Gage	Precipitation, published	8,985	2,205	9,325	340	3.8%		11,530
	213732158010201		Precipitation, published	8,985	2,205	9,325	340	3.8%		11,530
	20356159281401		Precipitation, published, helicopter surcharge.	11,996	2,944	12,446	450	3.09%		15,390
	220427159300201		Precipitation, published, helicopter surcharge.	11,996	7,944	12,446	0450	3.0%		065,41
	777777777777777777777777777777777777777		Precipitation, published, helicopter suicharge added to 15015000 (SW).	8,985	2,205	9,325	340	6000		11,530
	120/13159361201	1000 O Winitaria Dair Grage in Waimea, Kauat, Hi	Precipitation, published	585,8	2,205	9,325	340	3.6%		11,530
	320032159353001		Precipitation published Description supplished helicontec curchases	11 006	2 044	13 446	240	2.0%		15 300
	165827000	Hospital Stream near High	Freedmanton, published, nemopres southerings. EEV26 Durchase acuity 8, located control areas 6 may 08M in EEV26	11,330	7,744	12 530	12 530	NA AM		12,520
	110825157004301	Kudaniii Deen Monitor Well	FEV36 Purchase equip & install standalone precip gage, 5 mos. Own in 1120.			31 530	31 530	AN AN		31 530
OCCONT	16717815	Manowalopae Stream near So	Shared USES/Fordangered). Discharge continuous	15.802	4 100	16.381	625	3.7%	7 000	27.481
	16016000		Discharge, continuous, helicopter surcharge.	24,434	966'5	25,344	910	3.7%		31,340
	16031000		Discharge, continuous. CSG funded by HDOT.	14,148	3,472	14,668	520	3.7%	9,340	27,480
	16052350		Discharge, continuous	21,423	5,257	22,223	800	3.7%	•	27,480
	16060950	NF Wailua Riv aby N Wailua Dit	Discharge, continuous	21,423	5,257	22,223	800	3.7%	,	27,480
	16068000		Discharge, continuous	21,423	5,257	22,223	800	3.7%		27,480
	1007500	1	Discharge, continuous, CSG funded by NOCI.	14,145	3,472	14,008	270	3.7.6	9,340	004.72
	16108000	Walnish River or Hanalei Kanai H	Discharge, continuous, CSG Tunded by HUDT. Discharge continuous helicopter surcharge Entra CSG funded	14,148	16.140	16,140	520	3.7%	9,340	32 280
	16210100		Discharge, continuous, law flow only.	9.050	068.6	10.870	1.820	20.1%	,	20.760
	16210200		Discharge, continuous	21,423	5,257	22,223	800	3.7%		27,480
	16211800		Discharge, continuous	21,423	5,257	22,223	800	3.7%		27,480
	16294100		Discharge, continuous	21,423	5,257	22,223	800	3.7%	,	27,480
	16294900		Discharge, continuous	21,423	5,257	22,223	800	3.7%		27,480
	16296500	Kahana Str at alt 30 ft nr Kah	Discharge, continuous	21,423	5,257	22,223	800	3.7%	2	27,480
	16301050	1	Discharge, continuous	21,423	5,257	22,223	800	3.7%	,	27,480
	16325000	Kamananui Strat Pupukea M	Shared OHA. Discharge, continuous.	11,057	2,713	11,470	413	3.7%	13,297	27,480
	16345000		Discharge, continuous	21,423	5,257	22,223	800	3.7%	. 0000	27,480
	16408000	Wakotu Str biw pipe nr Kalaupapa, Molokai, Hi	Discharge, continuous, helicopter surcharge. CSG funded by HDCI.	17,159	7 050	17,789	550	3.7%	9,340	51,340
	16415000		2	21.423	5.257	22.223	800	3.7%		27.480
	16417800		Discharge, continuous. Low flow only.	16,854	4,136	16,624	(230)	-1.4%		20,750
	16508000		Discharge, continuous, centennial gage	13,340	13,740	13,740	400	3.0%		27,480
	16518000		Discharge, continuous, centennial gage, boat access (overcharge in FFY25)	17,353	16,120	15,220	(2,133)	-12.3%	9	31,340
	16527500	Honomanu Stream near Hana	Discharge, continuous. CSG funded by HDOT.	14,148	3,472	14,668	520	3.7%	9,340	27,480
	16545000		PHYSS upgrade to discharge, continuous delayed. No cost ext. signed.	34,122	0.850		(34,122)	-100.0%		0897
	16597000	Honorous Stream near Huelo, Maul, Hi	Discharge, continuous	21,423	5,257	22,223	200	3.7%		27,480
	15604500	Walluku River at Kenaniwai Pa	Discharge continuous CSG funded by HDOT	14 148	3.472	14.668	520	3.7%	9 340	27.480
	16614000		Discharge, continuous, CSG funded by HDOT.	14,148	3,472	14,668	520	3.7%	9,340	27,480
	16620000		Discharge, continuous, helicopter surcharge, centennial gage	18,431	12,200	19,140	402	3.8%	1	31,340
	16638500		Discharge, continuous. CSG funded by USACE.	14,148	3,472	14,668	520	3.7%	9,340	27,480
	16641000		Discharge, continuous	21,423	5,257	22,223	800	3.7%		27,480
	16647000		Discharge, continuous, Cos at 1664 / 100 lunded by HUUT.	14,148	3,472	14,668	250	3.7%	0 340	18,140
	16701800	Walluku River nr Kaumana, HI	Discharge, continuous. Cast tunded by FDOT.	21,423	5,472	22.223	800	3.7%	2,340	27,480
	16704000		Discharge, continuous	21,423	5,257	22,223	800	3.7%		27,480
	16717000	Honolii Stream nr Papaikou, H	Discharge, continuous. CSG funded by HDOT.	14,148	3,472	14,668	520	3.7%	9,340	27,480
	16717700	Hakalau Stream nr alt 1300 ft, HI	Discharge, continuous. CSG funded by HDOT.	14,148	3,472	14,668	520	3.7%	9,340	27,480

X	7	State of Hawaii Con	State of Hawaii Commission on Water Resource Management	Discipline	Prior Year Customer Funds	USGS Cooperative Matching Program Customer Funds \$ increase % increase Other Funding Total Program	Customer Funds	\$ Increase	% Increase	Other Funding	Total Program
y V	5	USGS Cooperative G	USGS Cooperative Gaging Station Program	GW	21,551	5,289	22,360	808	3.8%	•	27,649
science for a	cience for a changing world	October 1, 2025 - Se	sptember 30, 2026	QW	7,171	1,759	7,440	529	3.8%	•	9,199
				WS	993,084	291,789	1,128,159	135,075	13.6%	141,717	1,561,665
		Prepared 07/14/2025		Grand Total	1,021,806	298,837	1,157,959	136,153	13,3%	141,717	1,598,513
					FFY	FFY25 Credit (USGS CMF) = Total Customer =	(250,000)	(113,847)	-11.1%		
					Prior Year	USGS Cooperative					15
Discipline	Collection Code	Site Number	Site Name	Customer Remarks	Customer Funds	Matching Program Customer Funds \$ increase % Increase Other Funding Total Program	Customer Funds	\$ Increase	% Increase	Other Funding	Total Program
WS.	QCONT	16725000	16725000 Alakahi Stream near Kamuela, HI	Discharge, continuous. CSG funded by HDOT.	14,148	3,472	14,668	520	3.7%	9,340	27,480
		16751500	16751500 Awini Puali Gulch US of Kohala Ditch, HI	FFY25 upgrade to discharge, continuous delayed. No cost ext. signed.	34,122	7,850		(34,122)	-100.0%	•	7,850
		16757000	16757000 Waikoloa Stream nr Kamuela, Hl	FFY25 upgrade to discharge, continuous delayed. No cost ext. signed.	34,122	7,854	•	(34,122)	-100.0%	2	7,854
		16770500	16770500 Paauau Gulch at Pahala, Hi	Discharge, continuous. CSG funded by HDOT.	14,148	3,472	14,668	520	3.7%	9,340	27,480
	QCONT-INSTALL	16405500	Waikolu Str at alt 900 ft nr Kalaupapa, Molokai, HI	FFY26 Recon, permit, equip. purchase, and install by 09/30/26. Helicopter access.			45,000	45,000	NA		45,000
		TBD	Waihee River below Spreckels Ditch	FFY26 Recon, permit, equip, purchase, and install by 09/30/26. Current CWRM site.		*	45,000	45,000	NA		45,000
SW Total					993,084	291,789	1,128,159	135,075	13.6%	141,717	1,561,665
άW	WQMEAS	210825157004301	210825157004301 4-0800-01 Kualapuu Deep Monitor Well, Moloka, HI	Water quality, measurement, bi-annual salinity profile	7,171	1,759	7,440	269	3.8%		9,199
QW Total					7,171	1,759	7,440	269	3.8%		9,199
M9	GWCONT	205405156305401	205405156305401 6-5430-05 Waiehu Deep Monitor Well, Maui, HI	Groundwater level, continuous	6,319	1,551	6,560	241	3.8%		8,111
		212238157561101	212238157561101 3-2256-10 Aiea Bay nr Naval Res (187-B), Oahu, HI	Groundwater level, continuous	6,319	1,551	6,560	241	3.8%		8,111
	GWMEAS	210402155495801	210402155495801 4-0449-01 Ualapue Shaft (S6), Molokai, HI	Groundwater level, measurement	2,971	729	3,080	109	3.7%		3,809
		212154158015201	212154158015201 3-2101-03 Honouliuli (W266), Ochu, HI	Groundwater level, measurement	2,971	729	3,080	109	3.7%		3,809
		215607159344301	215607159344301 2-5634-01 Hanapepe Ridge, Kauai, HI	Groundwater level, measurement	2,971	729	3,080	109	3.7%		3,809
GW Total					21,551	5,289	22,360	808	3.8%		27,649
Grand Total					1,021,806	298,837	1,157,959	136,153	13.3%	141,717	1,598,513

PRECIPCONT = Continuous Precipitation
GOOT = Continuous Precipitation
QCONT = Continuous Discharge Stee
QCONT INSTALL = restablishon of Continuous Discharge Stee
WCMMAS = Water Quality Sampling
GWCONT = Continuous groundwater
GWMAS = Digrete groundwater measurements

EXHIBIT 3