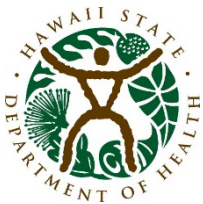


Clean Water Act Section 319 Annual Report Federal Fiscal Year 2022



Hawai'i State Department of Health
Clean Water Branch
Polluted Runoff Control Program

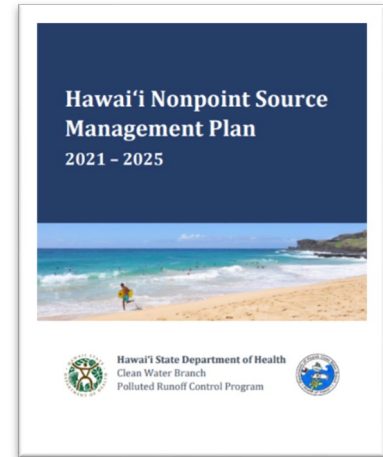


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I. Introduction

In 1987, Congress enacted Section 319(h) of the Clean Water Act (CWA), establishing a national program to control nonpoint source (NPS) pollution, also known as polluted runoff. Administered by the U.S. Environmental Protection Agency (EPA), the CWA §319(h) program provides funding to implement state NPS programs. The State of Hawai'i Department of Health (DOH) Clean Water Branch (CWB) Polluted Runoff Control Program (PRC) administers the state's NPS program to protect and improve the quality of Hawai'i's water resources by preventing and reducing NPS pollution. The PRC and its partners implement the [Hawai'i Nonpoint Source Management Plan \(NPS Plan\)](#), which includes implementation of NPS pollution control projects and watershed planning activities.



The purpose of this report is to track the progress the State has made in achieving the *NPS Plan* objectives and milestones in Federal Fiscal Year 2022 (FY21; October 1, 2021 – September 30, 2022) and to fulfill the annual reporting requirements of CWA §319(h).

II. Major Program Accomplishments & Highlights

- A. **Nonpoint Source Pollution Control Rules** (FY22 Workplan Objective 4) – Implementation of Hawaii Administrative Rules, [Chapter 11-56](#) (Nonpoint Source Pollution Control), Hawai'i Administrative Rules (HAR) adopted in June 2021, began in FFY 22. As previously reported, the rules authorize regulation of nonpoint sources of water pollution and codify the majority of the Coastal Nonpoint Pollution Control Program's (CNPCP) management measures for Agriculture, Forestry, and Marinas. The rules categorically apply to certain publicly owned lands but can require any identified nonpoint source to register with DOH and implement water pollution protection plans to control NPS pollution from their properties/facilities. These plans must incorporate applicable NPS pollution management measures, specify BMPS that will be implemented, and provide a description of BMP monitoring and inspection methods. Annual reports from subject landowners are required to demonstrate that the water pollution protection plan is being implemented and controlling NPS pollution. Continued implementation and development of the NPS rules are planned for FFY23.
1. **NPS Order** – A determination that Hawaii's first NPS Order pursuant to HAR §11-56-3(b) will be required was communicated to Agribusiness Development Corporation (ADC) and the County of Kauai on September 26, 2022. The NPS Order will address agricultural discharges on the Mana Plain, Kekaha, Kauai.
- B. **DOH Surface Water Protection Branch (SWPB) established** (FY22 Workplan Objective 4) – In October 2021, the DOH established the SWPB. The SWPB will house voluntary and regulatory NPS management programs and provide a more comprehensive approach to addressing

polluted runoff and improving water quality statewide. The new branch includes the four current positions in the PRC Program and six new positions to implement the newly adopted NPS rules (HAR Chapter 11-56) and the CWA 319 program.

C. CNPCP coordination (FY22 Workplan Objective 5)

1. CNPCP management measures approved – The Management Measure for Planning, Siting, and Developing Roads and Highways and the Management Measure for Bridges were approved by NOAA and EPA on October 7, 2021. The supplemental submittal for the Roads, Highways and Bridges operation and maintenance management measure and draft commitment statement have been submitted to the NOAA/EPA federal team. The federal team has found that Hawaii has suitable tracking and evaluation mechanisms in place to assess *voluntary* implementation of the Roads, Highways and Bridges operation and maintenance management measure. Development of non-voluntary regulatory mechanisms for implementation of the Roads, Highways and Bridges management measures is planned for FFY23.
2. CNPCP has provided funding for the development of the Pohakea Stormwater Management Plan into a Watershed Based Plan (WBP). The Central Maui Soil and Water Conservation District is developing the WBP to include CNPCP management measures to improve water quality within Maalaea Harbor and Maalaea Bay. A draft version of the WBP is planned for October 2022 and the WBP should be completed by the end of calendar year 2022. (FY22 Workplan Objective 1)

D. Pollutant load reductions – The following load reductions were achieved by projects implemented in FY22 and entered into EPA’s Grant Reporting and Tracking System (GRTS):

TSS (lb/yr)	Sediment (ton/yr)	Nitrogen (lb/yr)	Phosphorus (lb/yr)	Enterococcus (CFU)
42342	3160	2480	970	0

E. Request for Proposals (RFP) (FY22 Workplan Objective 2) - On August 29, 2022, the PRC Program released its 2022 Watershed Implementation Projects Requests For Proposals (RFP). The RFP submission deadline is on October 12, 2022 with award notifications on December 2, 2022. The RFP will solicit proposals that address eligible 319(h) watersheds but will focus on funding implementation projects that prevent or reduce polluted runoff in the Waikele Watershed on the island of Oahu.

F. National Water Quality Initiative (NWQI) (FY22 Workplan Objectives 2 and 3)

1. NWQI for Hilo Bay – The DOH has been working with the National Resource Conservation Service (NRCS) on implementing the NWQI for Hilo Bay. Around 2017 NRCS started the planning phase for Hilo Bay’s NWQI. NRCS has submitted the watershed assessment and is waiting on approval for implementation funding in

October 2022. NRCS will focus the NWQI on sediment impairment. Another goal is to develop the NWQI assessment into an approved Watershed Based Plan for Hilo Bay.

2. NWQI for West Maui – The DOH met with the NRCS on the possibility of utilizing the NWQI for West Maui. NRCS is planning for this NWQI to be in the implementation phase in FY23.
- G. **Surface Water Protection System** – The PRC features were removed from the Clean Water Branch system and is now a stand alone system. The SWP System is currently being tested to accept electronic submissions of Quarterly Status Reports from contractors.
- H. **Watershed Based Plans** (FY22 Workplan Objective 1) – with the formation of the SWPB and limited staffing, the plan is to simplify watershed based plans to what is essential for review by the SWPB and what is protective of the environment.
1. PRC is evaluating Kaho'olawe Island Reserve Commission's (KIRC) draft submittal of the Kamohio Watershed Plan.
 2. PRC is working with the State's Office of Planning and Sustainable Development, Coastal Zone Management Program and the Central Maui Soil & Water Conservation District to develop a watershed based plan for the Pohakea Watershed.
 3. PRC is working with NRCS in the development of a watershed based plan for Hilo Bay.
- I. **Nineteen NPS projects (active and completed) implemented across 34 watersheds** – The combined 319 grant awards and match for these projects are \$5,272,125 and \$1,846,232, respectively. Information, including the status and current balance, on these projects can be found in Appendix A.
- J. **Six projects completed** –The total 319 project funds spent on these projects were \$1,076,175 and the total match provided by partners/grantees was \$275,962.
1. The **Operations and Maintenance Plan for Hakioawa Watershed** focused on improving water quality in the Hakioawa watershed by supporting the operation and maintenance of the infrastructure and Best Management Practices that were installed in a previous project funded by the Polluted Runoff Control Program (ASO Log No. 18-240 Reducing Excessive Sedimentation and Habitat Restoration in the Hakioawa Watershed of Kahoolawe - Phase 2). This project helped to ensure the proper installation of irrigation lines.
 2. The **Keokea Riparian Rehabilitation** reduced sediment discharge into the ocean from Keokea Gulch in West Maui by establishing a protected section of the riparian corridor in the gulch. The project activities included: 1) installation a feral ungulate exclusion fence, 2) removal of non-native plant species, and the 3) establishment of a native dryland forest vegetation.
 3. The **Waikele Watershed and Total Maximum Daily Load Implementation (TMDL) Plan** helped with the development of a TMDL implementation plan/EPA 9-element watershed

plan for Waikele watershed that was designed to implement the 2019 Waikele TMDL for nonpoint source pollutants and achieve the nonpoint source load reductions for sediment and total nitrogen as prescribed in the Waikele TMDL. The Waikele Watershed was a focus on funding implementation projects for the 2022 Request for Proposals for Watershed Implementation Projects, which was solicited on August 29, 2022.

4. The **Ko'olaupoko Moku Watersheds Coordinator** was completed in June 2022 and provided funding for a watershed coordinator to: 1) conduct an inventory of stakeholders and past and current outreach efforts in the Ko'olaupoko Moku watersheds since the development of the 2007 Ko'olaupoko Watershed Restoration Action Strategies (KWRAS); 2) develop an outreach strategy to cultivate support from community members and stakeholders for a planned update of the KWRAS; 3) create an inventory of past and current water quality improvement projects since the publication of the KWRAS; and 4) identify and document all past and current water quality monitoring projects since the publication of the KWRAS.
 5. The **Implementing Soil Management Strategies and Soil Testing Technologies** was completed in August 2022 and helped to promote and implement soil management and soil testing strategies that reduce nutrient loading across a range of intensive vegetable farming systems in the Honouliuli watershed, Ma'ili'ili watershed, and Kaiaka Bay watersheds.
 6. The **Buffers and BMPs for Windward O'ahu** was completed in October 2021. O'ahu Resource Conservation and Development Council (O'ahu RC&D) used native plants to restore 300 feet of riparian buffers; developed new conservation plans for area farms and facilitated the implementation of agricultural BMPs through a cost-share program; and hosted farm-based field days and a community forum to increase community knowledge about nonpoint source pollution and BMPs.
- K. **Two projects awarded in FY22** - Two new restoration projects were awarded in November (via the RFP held in FY21) 1) Agricultural Stewardship and Stream Restoration in Kaukonahua has a start date of October 20, 2022; and 2) Mitigating Erosion in the Pelekane Watershed using Ungulate and Wildfire Management has a start date of July 11, 2022.
- L. **Watershed Partnerships Program Grant** - Similar to the FY21 annual report, two projects were awarded 319 funds during DOFAW's Watershed Partnerships Program Grant (WPPG) RFP process in late September. (Note: These projects are not reflected in tables or figures because they have not been finalized and will be paid for with the FY21 Grant.) DOFAW will subcontract Mauna Kahalawai Watershed Partnership (\$209,951) and Ko'olau Mountains Watershed Partnership (\$15,793) to conduct ungulate control and planting activities to control erosion/sediment runoff in West Maui and O'ahu.
- M. **Waikele Watershed Implementation Plan** (FY22 Workplan Objective 1)
1. The Waikele Watershed Implementation Plan was completed in May 2022. The purpose of the plan is to provide a strategy to achieve the Waikele TMDL load allocations. The TMDL focuses on reducing the loading of total nitrogen and sediment from different watershed

sources through wasteload allocations for point sources and load allocation for nonpoint sources. Hawaii's Nonpoint Source Management Plan: 2021-2025 highlights the development of the TMDL and this watershed implementation plan.

III. Section 319 Grant Administration

- A. **FY21 Grant (C9-96978721-0)** – EPA awarded DOH/PRC \$1,299,000 for the FY21 Grant (to be spent in FY22). PRC spent/encumbered approximately \$490,870 of this grant (Table 5). The total non-federal match for the FY21 Grant was \$122,692. (DOH provided approximately \$742,194 in matching funds through general-funded salaries of personnel supporting NPS management, and the remaining \$101,139 was provided by a 25% match requirement for grantees implementing WBPs.) In total, approximately \$1,347,510 was spent on CWA 319-funded NPS pollution mitigation projects in FY22. FY21 Grant expenditures will be finalized in the financial report submitted to EPA in December 2022; see Table 5 and Appendices B and C for more information on grant spending.
- B. **Open CWA 319 Grants (FY17 – FY21)** – In the past year, the PRC Program managed five (5) EPA CWA §319(h) grants (FY17, FY18, FY19, FY20 and FY21). The FY17 grant also closed in September 2022, with a ULO of \$2,217. The Final Federal Financial Report was sent to EPA on November 21, 2022. For more detailed accounting by grant year, see Appendix C. For more information on project funding by grant, see Appendix D. Project descriptions can be found in Appendix A.

Table 1. Fiscal Year 2021 Grant Spending (in Fiscal Year 2022)

FY21 Grant (C9-96978721-0) Activity	319 Program Funds Subtotal	319 Project Funds Subtotal	319 Funds Total	Match	Total Spending
Earth Day Mauka to Makai event	\$15,000	\$	\$15,000		\$15,000
Personnel, fringe, supplies, indirect, other	\$537,723 ¹	\$	\$537,723		\$537,723
Watershed-based plan implementation					
ORC&D Ag Stewardship and Stream Restoration in Kaukonahua (NTP 10/2022)		\$280,819	\$280,819	\$70,204 ²	\$351,023
MKWP – W. Maui Ungulate/Planting		\$209,951	\$209,951	\$52,488 ³	\$262,439
TOTAL	\$552,723	\$490,770	\$1,043,493	\$122,692	\$1,166,185

¹ This is the amount spent for FY21. However, based on query run in Access for S-22-01 expenditures, the total comes to \$537,723.04. The program funds were budgeted for \$649,065 which means there's a balance of about \$111,342. Part of this balance is due to the loss of 3 positions towards the later part of FY21. Based on Access query there was a savings of ~\$45,112.61 for payroll.

² Match of 25% calculated on the 319 Funds Total of \$280,819.

³ Match Of 25% calculated on the 319 Funds Total of \$209,951.

- C. **FY22 Grant** (C9-96978722-0) – DOH received the FY22 CWA 319(h) grant of \$1,299,382 from EPA in September 2022. PRC conducted an RFP to spend the grant and in mid-October received one (1) proposal requesting approximately \$119,900 in funds. The RFP will conclude in November when the grant award is announced. PRC approved Kahoolawe Island Reserve Commission's watershed based plan for the Kamohio Watershed in October 2022. PRC conducted a site visit to Kahoolawe in November 2022 and is considering funding a project for the Kamohio Wastershed with funds from the FY22 Grant.

Appendix A – Projects

Clean Water Act Section 319 Projects Implemented and Awarded in Fiscal Year 2022

Projects Overview

Grantee	Project Name	Status	End Date	319 Grant Award	Expended	Balance
Central Maui Soil and Water Conservation District	Keokea Gulch Riparian Corridor Rehabilitation Phase II	Active	3/16/2023	\$49,950	\$6,901	\$43,049
Central Maui Soil and Water Conservation District	Keokea Riparian Rehabilitation	Completed	1/8/2022	\$49,999	\$49,999	\$0
Coral Reef Alliance	Expanding Stream Gulch Restoration Actions in Wahikuli, West Maui	Active	11/10/2023	\$215,011	\$174,421	\$40,590
County of Maui, County of Maui - Office of the Mayor	Coastal Water Quality Monitoring in West Maui and Southwest Maui Watersheds	Active	8/20/2022	\$38,536	\$38,536	\$0
Department of Land and Natural Resources/DAR	West Maui Watershed Coordinator	Active	6/27/2023	\$104,000	\$104,000	\$0
Hawaii Department of Land and Natural Resources	Sustaining the Source Waters of Kawaihae Watershed	Active	2/10/2026	\$234,000	\$0	\$234,000
Hawaii Department of Land and Natural Resources	DLNR, Div. of Forestry and Wildlife: Polluted Runoff Control Project for West Maui	Active	1/29/2021	\$735,161	\$735,161	\$0
Hui o Ko'olaupoko	Ko'olaupoko Moku Watersheds Coordinator	Completed	6/23/2022	\$150,559	\$150,559	\$0
Kaho'olawe Island Reserve Commission	Operations and Maintenance Plan for Hakiowa Watershed	Completed	5/28/2022	\$92,186	\$78,311	\$13,875
Maui Land & Pineapple Company, Inc.	Treatment Train: An Ahupua'a Approach to Watershed Best Management Practices in West Maui	Active	4/30/2022	\$599,999	\$470,837	\$129,162
O'ahu Resource Conservation & Development Council	Agricultural Stewardship and Stream Restoration in Ki'iki'i and Paukaiula Watersheds	Active	9/29/2023	\$230,034	\$53,764	\$176,270
O'ahu Resource Conservation & Development Council	Agricultural Stewardship and Stream Restoration in Kaukonahua	Awarded	10/19/2025	\$476,794	\$0	\$476,794
O'ahu Resource Conservation & Development Council	Buffers and BMPs for Windward O'ahu	Completed	10/10/2021	\$304,726	\$304,726	\$1
PG Environmental	Waikele Watershed and Total Maximum Daily Load Implementation Plan	Completed	5/14/2022	\$149,985	\$149,985	\$0
Queen Emma Land Company	Mitigating Erosion in the Pelekane Watershed Using Ungulate and Wildfire Management	Active	7/10/2027	\$257,125	\$0	\$257,125
The Nature Conservancy	He'eia Watershed Ungulate-Exclusion Fencing and Erosion Control	Active	11/22/2023	\$210,934	\$10,871	\$200,063
The Waipa Foundation	Watershed Implementation Project for the Ahupua'a of Waipa - Phase 2	Active	3/19/2021	\$490,998	\$388,884	\$102,113
University of Hawai'i - Department of Tropical Plant and Soil Sciences	Implementing Soil Management Strategies and Soil Testing Technologies	Completed	8/11/2022	\$349,923	\$349,923	\$0
University of Hawai'i Sea Grant College Program	Expanding Water Quality Improvement Projects at He'eia Fishpond	Active	3/30/2022	\$306,462	\$191,441	\$115,021
University of Hawaii	Mauna Kahalawai Watershed Partnership Ungulate Control and Forest Restoration	Awarded		\$209,951	\$0	\$209,951
University of Hawaii, University of Hawaii - Pacific Cooperative Studies Unit	Native Forest Restoration in the Ko'olau Mountains	Active	7/12/2024	\$15,793	\$0	\$15,793
TOTAL				\$5,272,125	\$3,258,318	\$2,013,808

Appendix B – FY21 Grant (C9-96978721-0) Expenditures

The following is the FY21 Grant budget that reflects the planned spending in FY22.

FISCAL YEAR 2022 CLEAN WATER ACT §319(h) NPS GRANT HAWAI'I POLLUTED RUNOFF CONTROL PROGRAM BUDGET (Federal Funds)

a. PERSONNEL				
Position	No.	Salary	Mo.	Amt.
Accountant IV	1	69,876.00	1	5,823.00
Contracts Specialist	1	57,420.00	12	57,420.00
Environmental Health Specialist IV	1	57,420.00	12	57,420.00
Office Assistant III	1	34,440.00	12	34,440.00
Planner IV (0.3 FTE + fringe & indirect for CNPCP)	1	62,136.00	12	62,136.00
Program Specialist V (0.1 + fringe & indirect for CNPCP)	1	85,032.00	12	85,032.00
Personnel Total	6		61	302,271.00
b. FRINGE BENEFITS				
Base (Personnel)				302,271.00
Rate (63.28%)				191,277.09
Fringe Benefits Total				191,277.09
c. TRAVEL				
Fuel for local travel for sampling, meetings, and site visits				100.00
Travel Total				100.00
d. EQUIPMENT (N/A)				
e. SUPPLIES				
Item	No.	Cost/Unit	Total	
Environmental Management Division supplies	1	2,925.00	2,925.00	
Desktop computers	5	1,200.00	6,000.00	
Monitors	5	200.00	1,000.00	
Computer accessories (mouse, keyboards, etc.)	1	400.00	400.00	
Laptop computers	5	1,200.00	6,000.00	
Docking stations	5	150.00	750.00	
Headphones/headsets with microphones	2	150.00	300.00	
Printing & outreach materials	1	150.00	150.00	
Misc. office supplies (binders, etc.)	1	150.00	150.00	
Supplies Total			17,675.00	
f. CONTRACTUAL (N/A)				
g. CONSTRUCTION (N/A)				
h. OTHER				
Item	No.	Cost/Unit	Total	
Laboratory equipment maintenance	1	12,000.00	12,000.00	
Copier lease	1	1,200.00	1,200.00	
Telephone service	1	450.00	450.00	
Postage & shipping	1	50.00	50.00	
Waikiki Aquarium Earth Day	1	15,000.00	15,000.00	
Training & registration	1	2,000.00	2,000.00	
Miscellaneous (subscriptions, etc.)	1	1,000.00	1,000.00	
Watershed-based planning (Program Funds)			38,425.82	

Watershed-based plan implementation (Watershed Project Funds)	650,000.00
Other Total	720,125.82
i. TOTAL DIRECT COSTS	1,231,448.91
j. INDIRECT COSTS	
Base (Personnel + Fringe)	493,548.09
Rate (13.7%)	67,616.09
Indirect Total	67,616.09
k. TOTAL PROPOSED COSTS	1,299,065.00
FEDERAL FUNDS REQUESTED	1,299,065.00
FEDERAL SHARE OF TOTAL PROPOSED COSTS	60.0%

Per CWA §319(h), Hawai'i must maintain aggregate expenditures at or above the average level of expenditures from FFY85 & FFY86. The State's FFY20 MOE is \$0, which meets the §319(h) MOE requirement.

FISCAL YEAR 2021 CLEAN WATER ACT §319(h) NPS GRANT HAWAI'I POLLUTED RUNOFF CONTROL PROGRAM BUDGET (Non-Federal Match)

a. PERSONNEL				
Position	No.	Salary	Mo.	Amt.
Clean Water Branch Chief	1	176,076.00	3	44,019.00
Secretary II	1	44,496.00	3	11,124.00
IT Specialist IV	1	55,200.00	3	13,800.00
Environmental Health Specialist IV (QA/QC)	1	55,200.00	3	13,800.00
Environmental Health Specialist IV	1	55,200.00	3	13,800.00
Environmental Health Specialist IV	1	55,200.00	3	13,800.00
Environmental Health Specialist IV	1	78,612.00	3	19,653.00
Environmental Health Specialist IV	1	64,620.00	3	16,155.00
Environmental Health Specialist III	1	62,136.00	3	15,534.00
Individual Wastewater System Engineer III	1	81,504.00	10	67,920.00
Individual Wastewater System Engineer III	1	75,336.00	10	62,780.00
Individual Wastewater System Engineer III	1	81,744.00	10	68,120.00
Personnel Total	12		57	360,505.00
b. FRINGE BENEFITS				
Base (Personnel)				360,505.00
Rate (63.28%)				228,127.56
Fringe Benefits Total				228,127.56
c. TRAVEL (N/A)				
d. EQUIPMENT (N/A)				
e. SUPPLIES (N/A)				
f. CONTRACTUAL (N/A)				
g. CONSTRUCTION (N/A)				
h. OTHER				
Watershed-based plan implementation projects (30.5% Contractor In-Kind)				198,250.00
Other Total				198,250.00
i. TOTAL DIRECT COSTS				786,882.56
j. INDIRECT COSTS				
Base (Personnel + Fringe)				588,632.56

Rate (13.7%)	80,642.66
Indirect Costs Total	80,642.66
k. TOTAL PROPOSED COSTS	867,525.23
RECIPIENT SHARE (NON-FEDERAL MATCH)	867,525.23
RECIPIENT SHARE OF TOTAL PROPOSED COSTS	40.0%

Appendix C – Potential Unliquidated Obligations and Planned Encumbrances

Hawaii State Department of Health Polluted Runoff Control Program

Updated: 08/30/22

Potential Unliquidated Obligations

FY17 C996978717-0 (S-18-201/9290-17)			10/1/17 - 9/30/22
Category	Budget	Spent/Encumbered	Balance
Payroll	315,851.80	315,851.80	0.00
B-Costs (Spent)	1,908.64	1,911.69	(3.05)
B-Costs (Encumbered)		0.00	0.00
Contracts (Spent)	865,010.81	845,412.46	19,598.35
Contracts (Encumbered)		37,501.12	(37,501.12)
Indirect	57,228.75	57,323.25	(94.50)
Balance			(18,000.32)
Revenue Adjustment			(18,341.03)
Potential FY17 Unliquidated Obligations			340.71
FY18 C996978718-0 (S-19-201/9290-18)			10/1/18 - 9/30/23
Category	Budget	Spent/Encumbered	Balance
Payroll	319,336.65	319,336.65	0.00
B-Costs (Spent)	25,608.01	25,608.01	0.00
B-Costs (Encumbered)		0.00	0.00
Contracts (Spent)	820,222.26	504,785.69	315,436.57
Contracts (Encumbered)		315,084.25	(315,084.25)
Indirect	60,833.08	61,985.29	(1,152.21)
Balance			(799.89)
Revenue Adjustment			0.00
Potential FY18 Unliquidated Obligations			(799.89)
FY19 C996978719-0 (S-20-201/9290-19)			10/1/19 - 9/30/24
Category	Budget	Spent/Encumbered	Balance
Payroll	394,186.73	394,186.73	0.00
B-Costs (Spent)	17,242.48	17,125.43	117.05
B-Costs (Encumbered)		0.00	0.00
Contracts (Spent)	744,335.73	325,855.63	418,480.10
Contracts (Encumbered)		274,825.71	(274,825.71)
Indirect	59,235.06	59,235.06	0.00
Balance			143,771.44
Revenue Adjustment			0.00
Potential FY19 Unliquidated Obligations			143,771.44
FY20 C996978720-0 (S-21-201/9290-20)			10/1/20 - 9/30/25
Category	Budget	Spent/Encumbered	Balance
Payroll	438,473.20	364,999.42	73,473.78
B-Costs (Spent)	124,748.04	12,707.31	112,040.73
B-Costs (Encumbered)		0.00	0.00
Contracts (Spent)	632,500.00	0.22	632,499.78
Contracts (Encumbered)		346,026.53	(346,026.53)
Indirect	69,278.76	51,500.59	17,778.17
Balance			489,765.93
Revenue Adjustment			0.00
Potential FY20 Unliquidated Obligations			489,765.93
FY21 C996978721-0 (S-22-201/9290-21)			10/1/21 - 9/30/26
Category	Budget	Spent/Encumbered	Balance
Payroll	493,548.09	382,212.36	111,335.73
B-Costs (Spent)	87,835.82	27,606.94	60,228.88
B-Costs (Encumbered)		0.00	0.00
Contracts (Spent)	650,000.00	0.00	650,000.00
Contracts (Encumbered)		157,125.00	(157,125.00)
Indirect	67,616.09	0.00	67,616.09
Balance			732,055.70
Revenue Adjustment			0.00
Potential FY21 Unliquidated Obligations			492,875.00
Total Potential 319(h) Unliquidated Obligations			1,125,953.19

Hawaii State Department of Health Polluted Runoff Control Program

Updated: 08/30/22

Planned Encumbrances & RFPs

FY17 C996978717-0 (S-18-201/9290-17)			10/1/17 - 9/30/22
Category	Amount	Cost	Balance
Projected FY17 ULO	340.71		340.71
Approved Contracts to be Encumbered			
Awarded Contracts Under Development/Review			
Other Potential Program Expenditures			
-			
Subtotal		0.00	
FY17 Final Estimated ULO			340.71
FY18 C996978718-0 (S-19-201/9290-18)			10/1/18 - 9/30/23
Category	Amount	Cost	Balance
Projected FY18 ULO	(799.89)		(799.89)
Approved Contracts to be Encumbered			
Planned RFPs			
Other Potential Program Expenditures			
-			
Subtotal		0.00	
FY18 Final Estimated ULO			(799.89)
FY19 C996978719-0 (S-20-201/9290-19)			10/1/19 - 9/30/24
Category	Amount	Cost	Balance
Projected FY19 ULO	143,771.44		143,771.44
Approved Contracts to be Encumbered			
- DLNR - Eke		143,500.00	
Awarded Contracts Under Development/Review			
Other Potential Program Expenditures			
-			
Subtotal		143,500.00	
FY19 Final Estimated ULO			271.44
FY20 C996978720-0 (S-21-201/9290-20)			10/1/20 - 9/30/25
Category	Amount	Cost	Balance
Projected FY19 ULO	489,765.93		489,765.93
Approved Contracts to be Encumbered			
- DLNR - Eke		90,500.00	
Awarded Contracts Under Development/Review			
- Oahu RC&D - Kaukonahua		195,975.00	
Planned RFPs			
Other Potential Program Expenditures			
- KWRAS update		202,000.00	
Subtotal		488,475.00	
FY20 Final Estimated ULO			1,290.93
FY21 C996978721-0 (S-22-201/9290-21)			10/1/21 - 9/30/26
Category	Amount	Cost	Balance
Projected FY19 ULO	492,875.00		492,875.00
Approved Contracts to be Encumbered			
Awarded Contracts Under Development/Review			
- Oahu RC&D - Kaukonahua		280,819.40	
- MKWP - West Maui Ungulate/Planting		209,951.00	
Planned RFPs			
Other Potential Program Expenditures			
-			
Subtotal		490,770.40	
FY21 Final Estimated ULO			2,104.60
Total Potential 319(h) Unliquidated Obligations			3,207.79

Appendix D – Project Funding by Grant

Hawaii State Department of Health Polluted Runoff Control Program
Project Funding by Grant

Updated: 8/30/22

ASO#	Contractor	Project Title	Status	Start	End	Budget	Grant	Type	Expended	Balance
N/A	Central Maui Soil & Water Conservation District	Keokea Gulch Riparian Corridor Rehabilitation	C	7/9/20	1/8/22	1,000.00	C9-96978717-0	Proj	1,000.00	0.00
						48,998.50	C9-96978719-0	Proj	48,998.50	0.00
					Total:	49,998.50			49,998.50	0.00
N/A	Central Maui Soil & Water Conservation District	Keokea Gulch Riparian Corridor Rehabilitation - Phase II	E	3/17/22	3/16/23	49,950.00	C9-96978719-0	Proj	6,901.06	43,048.94
					Total:	49,950.00			6,901.06	43,048.94
N/A	County of Maui	West Maui and Southwest Maui Water Quality Sampling (HOKWO)	E	6/21/21	2/20/23	38,536.43	C9-96978717-0	Proj	38,536.43	0.00
					Total:	38,536.43			38,536.43	0.00
20-166	Coral Reef Alliance	Improve Coastal Water Quality and Coral Reef Health by Expanding Stream Gulch Restoration Actions in Waihikuli, West Maui	E	11/11/20	11/10/23	47,000.00	C9-96978718-0	Proj	47,000.00	0.00
						168,010.50	C9-96978719-0	Proj	127,420.90	40,589.60
					Total:	215,010.50			174,420.90	40,589.60
N/A	Dept. of Land & Natural Resources (DAR)	West Maui Ridge to Reef Priority Watershed Coordinator	E	6/28/21	6/27/23	93,000.00	C9-96978717-0	Proj	93,000.00	0.00
						11,000.00	C9-96978718-0	Proj	11,000.00	0.00
					Total:	104,000.00			104,000.00	0.00
17-195	Dept. of Land & Natural Resources	DLNR, Div. of Forestry and Wildlife: Polluted	E	1/30/18	1/29/23	160,000.00	C9-96978713-0	Proj	160,000.00	0.00
						84,510.92	C9-96978714-1	Proj	84,510.92	0.00
						164,149.26	C9-96978715-0	Proj	164,149.26	0.00
						326,500.79	C9-96978716-0	Proj	326,500.79	0.00
					Total:	735,160.97			735,160.97	0.00
N/A	Dept. of Land & Natural Resources (DOFAW)	Sustaining the Source Waters of Kawaihae Watershed	E	2/11/22	2/10/26	143,500.00	C9-96978719-0	Proj	0.00	143,500.00
						90500	C9-96978720-0	Proj	0.00	90,500.00
					Total:	234,000.00			0.00	234,000.00
19-206	Hui o Ko'olaupoko	Ko'olaupoko Moku Watersheds Coordinator	C	12/24/19	6/23/22	10,559.33	C9-96978715-0	Proj	10,559.33	0.00
						140,000.00	C9-96978718-0	Proj	140,000.00	0.00
					Total:	150,559.33			150,559.33	0.00
21-049	Kaho'olawe Island Reserve Commission	Operations and Maintenance Plan for Hakiowa Watershed	E	3/29/21	9/30/22	30,000.00	C9-96978718-0	Proj	30,000.00	0.00
						62,185.91	C9-96978719-0	Proj	48,310.70	13,875.21
					Total:	92,185.91			78,310.70	13,875.21
19-156	Maui Land & Pineapple Co., Inc.	Treatment Train: An Ahupua'a Approach to Watershed Best Management Practices in West Maui	E	5/1/19	4/30/24	212,510.92	C9-96978716-0	Proj	212,510.92	0.00
						201,988.07	C9-96978717-0	Proj	201,988.07	0.00
						131,536.43	C9-96978719-0	Proj	56,337.87	75,198.56
						53,963.57	C9-96978720-0	Proj	0.00	53,963.57
					Total:	599,998.99			470,836.86	129,162.13
20-165	The Nature Conservancy	He'eia Watershed Ungulate-Exclusion Fencing and Erosion Control	E	11/23/20	11/22/23	210,934.10	C9-96978718-0	Proj	10,870.93	200,063.17
					Total:	210,934.10			10,870.93	200,063.17
19-154	O'ahu Resource Conservation & Development Council	Buffers and BMPs for Windward O'ahu	C	4/11/19	5/10/22	150,000.00	C9-96978714-1	Proj	150,000.00	0.00
						125,000.00	C9-96978715-0	Proj	124,999.37	0.63
						29,726.24	C9-96978717-0	Proj	29,726.24	0.00
					Total:	304,726.24			304,725.61	0.63
22-083	O'ahu Resource Conservation & Development Council	Ag Stewardship and Stream Restoration in Kī'iki'i and Paukaula Watersheds	E	9/30/21	9/29/23	53,763.57	C9-96978717-0	Proj	53,763.57	0.00
						176,270.18	C9-96978720-0	Proj	0.22	176,269.96
					Total:	230,033.75			53,763.79	176,269.96
TBD	O'ahu Resource Conservation & Development Council	Ag Stewardship and Stream Restoration in Kaukonahua	D	TBD	TBD	476,974.40	TBD	Proj	0.00	476,974.40
					Total:	476,974.40			0.00	476,974.40
20-143	PG Environmental	Waikele Watershed and Total Maximum Daily Load Implementation Plan	C	5/15/20	5/14/22	11,000.00	C9-96978715-0	Prog	11,000.00	0.00
						138,984.79	C9-96978718-0	Prog	138,984.78	0.01
					Total:	149,984.79			149,984.78	0.01
22-084	Queen Emma Land Company	Mitigating Erosion in Pelekane	E	7/11/22	7/10/27	100,000.00	C9-96978720-0	Proj	0.00	100,000.00
						157,125.00	C9-96978721-0	Proj	0.00	157,125.00
					Total:	257,125.00			0.00	257,125.00
20-123	University of Hawai'i (CTAHR)	Implementing Soil Management Strategies and Soil Testing Technologies	C	8/12/19	8/11/22	349,922.86	C9-96978717-0	Proj	312,421.74	37,501.12
					Total:	349,922.86			312,421.74	37,501.12
N/A	University of Hawaii (PCSU)	Native Forest Restoration in the Ko'olau Mountains	E	7/13/22	7/12/24	15,793.00	C9-96978720-0	Proj	0.00	15,793.00
					Total:	15,793.00			0.00	15,793.00
TBD	University of Hawaii (PCSU)	MKWP project	D	TBD	TBD	209,951.00	TBD	Proj	0.00	209,951.00
					Total:	209,951.00			0.00	209,951.00
20-139	University of Hawai'i (Sea Grant)	Expanding Water Quality Improvement Projects at He'eia Fishpond	E	3/31/20	9/29/23	64,510.92	C9-96978717-0	Proj	64,510.92	0.00
						241,951.06	C9-96978718-0	Proj	126,929.98	115,021.08
					Total:	306,461.98			191,440.90	115,021.08
19-155	The Waipa Foundation	Watershed Implementation Project for the Ahupua'a of Waipa - Phase 2	E	3/20/19	3/19/23	150,997.60	C9-96978714-1	Proj	150,997.60	0.00
						150,000.00	C9-96978716-0	Proj	150,000.00	0.00
						50,000.00	C9-96978717-0	Proj	50,000.00	0.00
						140,000.00	C9-96978719-0	Proj	37,886.60	102,113.40
					Total:	490,997.60			388,884.20	102,113.40

Status
 C: Completed
 E: Contract Executed/Project in Progress
 R: Contract Under Review (ASO/Attorney General/Etc.)
 D: Contract Development (PRC)
 X: Contract Cancelled

*These funds were originally encumbered for the respective projects but were ultimately unspent by the contractors. This unspent balance was unencumbered and used for other PRC projects.