

# **Watershed Protection Grant Program**

**Agriculture, Diversification, Environment, and Public  
Transportation Committee**

**March 23, 2023**

**County of Maui Department of Water Supply**

# PRESENTATION OUTLINE

- Overview of the watershed grants, who they were granted to, and how much has been expended for each grant
- Current status of the Department's FY23 grants
- Department's successes and challenges
- Opportunities the Department has identified for FY24

# WHY DWS Funds Watershed Protection

- Forested watersheds face major threats that alter the ability to provide many ecosystem services, including **reliable groundwater recharge and stream flow**.
- Feral ungulates (hogs, deer, cows, goats) damage forests by browsing, rooting and trampling vegetation, leaving the ground bare and exposed to erosion.
- Invasive weed species can overtake native forest covers needed to capture rain and fog and hold soils.
- Watershed Partnerships provide on the ground management to keep feral ungulates and invasive weeds out of critical watersheds.

**Key watershed management measures protect drinking water supplies**

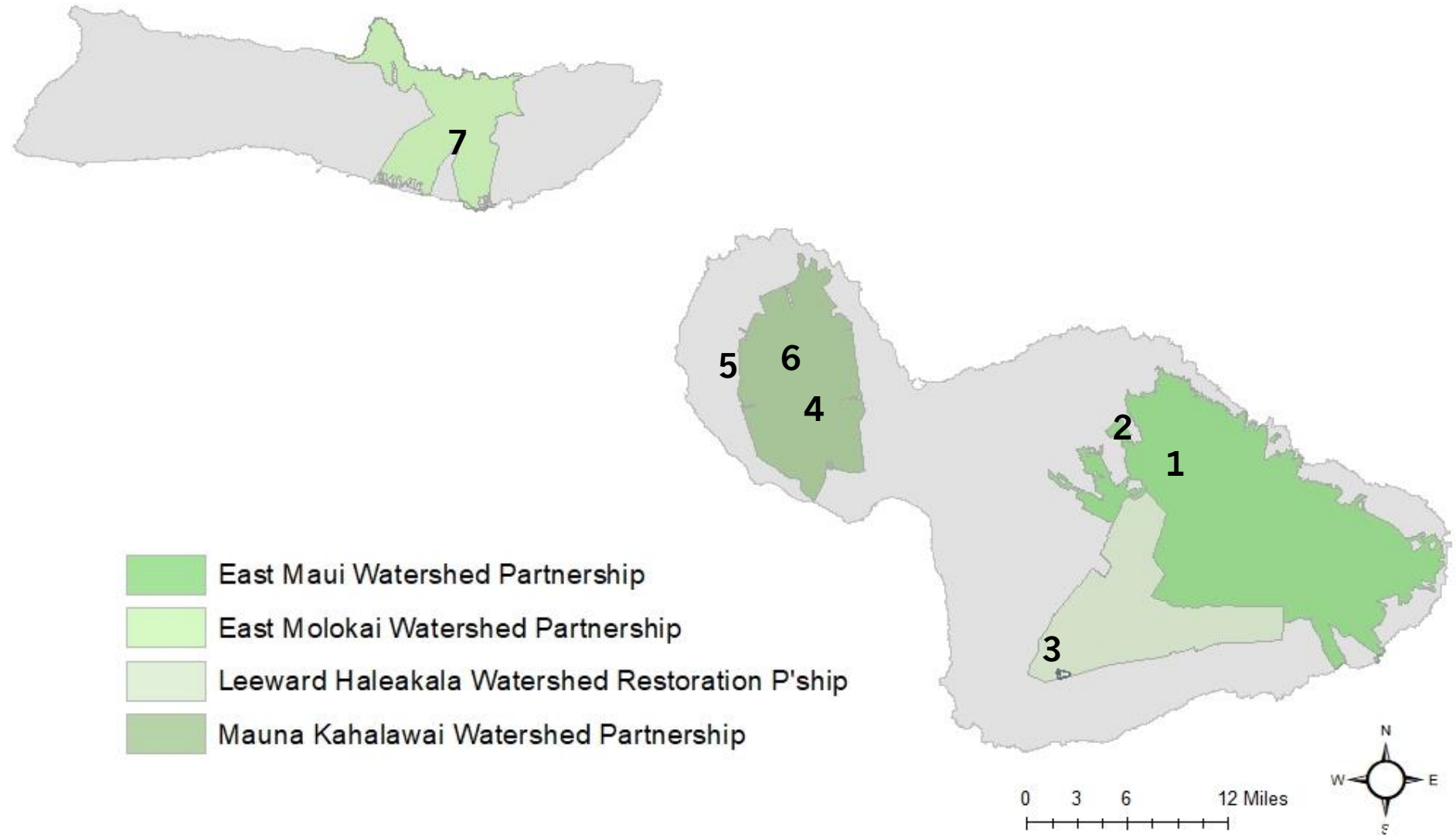
# FY 2023 WATERSHED PROTECTION GRANTS

	<b>Applicant Proposal</b>	<b>Grant Committee</b>
1. East Maui Watershed Partnership	\$550,000	\$550,000
2. Waikamoi Haipua'ena Water Source Protection	\$371,500	\$351,500
3. Auwahi Forest Restoration Project	\$143,014	\$141,000
4. Mauna Kahalawai Watershed Partnership	\$878,830	\$688,000
5. Honokowai & Wahikuli Source Protection	\$142,971	\$102,466
6. Pu'u Kukui Watershed Preserve	\$340,000	\$330,000
7. East Molokai Watershed Partnership	\$250,000	\$250,000
8. Maui Invasive Species Committee	\$286,000	\$260,000
9. Hawaii Agriculture Research Center – Koa	\$55,500	\$55,500
10. Hawaii Agriculture Research Center – Ohi'a	\$74,000	\$37,000
Countywide funds		\$100,000
	<b>\$3,370,036</b>	<b>\$2,865,466</b>

# FY 2023 GRANT STATUS & EXPENDITURES

	GRANTEE	Award notice to Grantee	CC Approved Agreements Transmitted to Grantee for Execution	Date NTP sent	Encumbered
1	EMWP- UH ORS	6/22/2022	8/17/22		
2	MKWP – UH ORS	6/22/2022	8/17/22		
3	MISC-UH ORS	6/22/2022	8/17/22		
4	Auwahi FRP	6/22/2022	8/17/22	11/25/22	\$ 141,000
5	WAIKAMOI-TNC	6/22/2022	8/18/22	3/22/23	\$ 371,500
6	EMoWP - TNC	6/22/2022	8/17/22	11/25/22	\$ 250,000
7	Honokowai Wahikuli-TNC	6/22/2022	9/16/22	3/22/23	\$ 102,466
8	PKWP -LPP	6/22/2022	8/18/22	3/22/23	\$ 330,000
9	KOA-HARC	6/22/2022	8/22/22	11/25/22	\$ 55,500
10	OHIA-HARC	6/22/2022	10/12/22	11/25/22	\$ 37,000
					<b>\$ 1,287,466</b>

# FUNDED PROJECTS





# SUCCESSES

**288,000**

Acres of watershed  
lands managed

**138**

Miles of ungulate  
fence constructed

**110,000**

Invasive weeds  
removed

**\$26M**

Funded since 1997

- Protecting priority watershed areas throughout Maui County
- Benefits to public water supply
- Rate of watershed protection investment tied to operational budget ensures reliable funding
- Expenditures fiscally responsible

## • & CHALLENGES

- Funding overlaps
- Field staff vacancies
- Ungulate pressure on watershed fences



# FY 2024 OPPORTUNITIES

- Grant applications and administration on Amplifund platform
- New language in grant agreements to reduce funding overlaps
- Increase support to control deer in critical watersheds
- Coordination with DOFAW watershed protection grant program