



WATER RESOURCE BULLETIN

Commission on Water Resource Management Department of Land and Natural Resources

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The **Water Resource Bulletin** is published monthly to provide timely notice of important events under the purview of the Commission. Tentative Commission agenda dates should be confirmed with staff. Recent approvals are also listed. For inquiries about any item listed, please call 587-0225.

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A. New Notices

- In an effort to provide more timely and cost-effective notices, we have updated our Bulletin to be more user friendly in finding applications which may be of interest to our readers. We have also included a letter offering our subscribers the option to receive future Bulletins via e-mail, and we are posting the Bulletin on our new web site, URL <http://www.hawaii.gov/dlnr/dworm/dworm.html>.
 - The Commission on Water Resource Management has selected Frank D. Padgett as its independent legal counsel for the Waiahole Ditch Contested Case Hearing (Case No. CCH-OA-95-1) appeal.
 - On January 23, 1997, the Commission approved the 'Hawaii Well Construction and Pump Installation Standards' which provide minimum standards for such work. As part of this approval, the Commission delegated authority to the Chairperson to approve: 1) well construction permits statewide, and 2) pump installation permits in aquifer systems that are not designated water management areas and where estimated water usage is less than 70% of sustainable yield. Additionally, unless deemed otherwise by the Chairperson, no additional permit application is required statewide for the replacement of pumps less than or equal to the existing pump capacity. All applications will be listed in this Bulletin, and approval dates may reflect Chairperson approval or Commission approval.
 - Request for review and comments on a draft report entitled, "Multi-Attribute Prioritization of Streams" (MAPS) project. While this project began as part of a student internship assignment, its findings and results warrant consideration by the State Water Commission in future management decisions. Deadline for comments was October 30, 1998.
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B. Upcoming Commission Meetings*

<u>Date</u>	<u>Time</u>	<u>Location</u>	<u>Type</u>
January 29, 1999	9:00 am	DLNR Board Room, Kalanimoku Bldg., Honolulu, HI	Regular Meeting

*Meeting dates, times, & locations should be confirmed with staff.

C. Petitions for Reservation of Water in Water Management Areas

- **Res - OA93-1** - The State Department of Agriculture (DOA) filed a complete petition for reservation of 47.60 mgd of water flowing in Waiahole Ditch for agricultural uses on lands in Central and Windward Oahu.
- **Res - OA94-2** - The Office of Hawaiian Affairs' Committee on Land and Sovereignty has filed a complete petition to reserve 11 mgd of water from the Waiahole Ditch for present and future Hawaiian uses in the Waiahole area.
- **Res - OA94-3** - The Kahaluu Neighborhood Board, Waiahole Waikane Community Association and the Hakipuu Ohana have filed a complete petition for the reservation of all of the water from the Waiahole Ditch that is developed on the Windward side of Oahu, for agricultural uses.
- **Res - OA94-4** - The Kamehameha Schools/Bernice Pauahi Bishop Estate has filed a complete petition to reserve all of the waters originating from the ahupua'a of Waiawa (estimated to be 4.2 mgd) that flow in the Waiahole Ditch. The stated purpose is to serve future development on seven parcels of land in the Waiawa area.
- **Res - OA95-1** - The State Department of Hawaiian Home Lands has filed a complete petition to reserve an estimated 410,000 gallons per day of water from Waiahole Stream to serve its beneficiaries on five parcels of land (some 82 acres) in Waiahole.
- **Res - OA95-2** - The State Division of State Parks has filed a water reservation of an estimated 0.125 mgd of water from Kahana Stream to serve agricultural programs and residential lessees' subsistence agricultural permits in Kahana Valley State Park. This reservation is not presently part of the Waiahole Ditch combined contested case.
- **Res - OA97-2** - The State Department of Hawaiian Home Lands has filed a completed petition to reserve an additional 2.303 mgd of groundwater from the Waipahu-Waiawa Aquifer System for foreseeable needs in the Waianae, Ewa, Honolulu, and Koolaupoko Districts.
- **Res - OA97-3** - The State Department of Hawaiian Home Lands has filed a completed petition to amend Administrative Rule 13-171-62 to reduce the reservation for the Waimanalo Aquifer System by 0.027 mgd. (This petition was made pursuant to the Commission's action at the June 5, 1997 meeting wherein 0.027 mgd of ground water from the Waipahu-Waiawa Aquifer System was allocated for Waimanalo homestead areas.)

D. Petitions for the Designation of Water Management Areas

- **Ahupua'a of Punalu'u as a Surface Water Management Area** - On January 20, 1994, the Punalu'u Community Association (PCA) filed a petition "in order to protect surface water including stream flow, to guarantee the statutory rights of kuleana land owners as well as the riparian and appurtenant rights of others and also to preserve and protect the agricultural base and natural habitats which depend on such surface water." Moreover, PCA alleges ongoing "serious disputes". On March 16, 1994, the Commission approved continuing the designation process to investigate and determine the need for designation.
- **Ahupua'a of Laie as a Surface Water Management Area** - On May 13, 1996, Dawn Wasson, et. al filed a petition citing diminishing surface water supply for future needs and serious disputes occurring within the area. Decision-making for continuing the process is deferred pending results of Laie CCH-OA96-2.
- **Island of Molokai** - On March 28, 1990, 39 individuals filed a petition to designate Molokai as both Ground and Surface Water Management Areas. On May 13, 1992 the Commission designated Molokai and its 16 aquifer systems as groundwater management areas. Surface water designation has been deferred pending further study.

E. Contested Case Hearings

- **CCH-OA96-1** - EWA MARINA CONTESTED CASE HEARING, EWA CAPROCK GROUND WATER MANAGEMENT AREA - Haseko (Ewa), Inc. proposes to develop a 1400-slip marina at Ewa, Oahu consisting of approximately 120 acres of waterways and berthing basins. The Commission, on September 25, 1998, issued the final Decision and Order approving the issuance of a water use permit to Haseko (Ewa), Inc. for the proposed excavation of the Ewa Marina, subject to standard and special conditions.
 - **CCH-OA96-2** - HAWAII RESERVES, INC., LAIE WATER COMPANY, AND POLYNESIAN CULTURAL CENTER CONTESTED CASE HEARING, KOOLAULOA GROUND WATER MANAGEMENT AREA, OAHU - Evidentiary hearings have been held on various water use permit applications of Hawaii Reserves, Inc., Laie Water Company, and Polynesian Cultural Center. Hearing officers Herbert M. Richards, Jr. and Robert G. Girald issued the Proposed Findings of Fact, Conclusions of Law, and Decision and Order on August 19, 1998. The parties filed written exceptions in February 1998. The Commission heard oral arguments from the parties on Friday, October 16, 1998. The final Decision and Order was issued on December 7, 1998. The Commission took action on eleven well sources, granting in part and denying in part water use permits for the sources, depending on the facts established in the hearing.
 - **CCH-MO96-1** - KAMILOLOA-WAI'OLA WELL WATER USE PERMIT (Kamiloloa System, Southeast Sector, Moloka'i Aquifer) - Moloka'i Ranch's public water utility proposes development of a well in the mauka portion of Kaunakakai ahupua'a to serve existing and future land uses at Kualapu'u Town, Maunaloa Town, Pala'au Industrial Area, and prospective Ranch land developments. Hearing Officer Richard H. Cox issued the Proposed Findings of Fact, Conclusions of Law, and Decision and Order on August 19, 1998. The parties filed written exceptions in September 1998. The Commission heard oral arguments on the written exceptions on November 5 and 6, 1998, on Molokai. The final Decision and Order was issued on December 28, 1998. The Commission approved a water use permit for 655,928 gallons per day subject to standard and special conditions.
 - **CCH-MO97-1** - KUKUI (MOLOKA'I), INC. WELL #17 WATER USE PERMIT (Kualapu'u System, Central Sector, Moloka'i Aquifer) - Kukui (Moloka'i), Inc. requests 2.0 mgd for existing and future uses at Kaluakoi Resort. The Commission has determined that a contested case hearing is required, and has selected Peter Adler as hearing officer. The hearing began on November 23, 1998. Closing arguments were heard on December 31, 1998. The final decision will be rendered at another date.
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Well Construction and Pump Installation Permit Applications (WCPIPA) Bulletin

January 13, 1999

Aquifer Sector	Aquifer Svstem	TMK	Well No	Well Name	Applicant	Permit Tvpe	Proposed	Pump		Accept	90 Day Deadline	Well Approved	Pump Approved
							Use Type	mgd	Capacity gpm				
HAWAII													
SE.MAUNA LOA	KALAE	9-3-004:027	0240-01	Kau Citrus Well	Morton Bassan, Jr.	BOTH	IRR		250	0.360	10/31/95	1/29/96	2/7/96
SE.MAUNA LOA	KALAE	9-3-004:027	0240-02	Kau Citrus Well	Morton Bassan, Jr.	BOTH	IRR		250	0.360	10/31/95	1/29/96	2/7/96
KILAUEA	PAHOA	1-6-004:036	3289-01	Ainaloa-McConne	McConnell, Inc.	BOTH	IRR		50	0.072	12/26/95	3/25/96	2/21/96
KILAUEA	PAHOA	1-4-002:066	3281-01	Waa Waa Well	Shelly Downing	BOTH	IRR		60	0.086	6/6/96	9/4/96	8/14/96
SW.MAUNA LOA	KAAPUNA	8-8-005:002	1254-02	Milolii Bch Ass	Kuakalaelae Pt., Inc.	BOTH	IRR		25	0.036	7/12/96	10/10/96	8/14/96
KILAUEA	PAHOA	1-5-025:081	3489-01	Rozett Well	Rozett's Nurserv	BOTH	IRR		60	0.086	10/4/96	1/2/97	12/18/96
KILAUEA	PAHOA	1-5-061:066	3687-01	Tovo's #1	Rodnev Yamamoto	BOTH	OTH		350	0.504	11/8/96	2/6/97	2/4/97
E. MAUNA KEA	HAKALAU	2-8-015:001	5206-02	Buyers	J.W.A. Buvers	BOTH	DOM		15	0.022	12/24/96	3/24/97	3/4/97
E. MAUNA KEA	HONOKAA	4-5-002:023	6528-02	Enserch #1	Encoqen Hawaii, L.P.	BOTH	IND		1,050	1.512	1/3/97	4/3/97	3/4/97
HUALALAI	KEAUHOU	3-7-011:023	3957-04	Douter	Douter Coffee Company	BOTH	IRR		300	0.432	3/3/97	6/1/97	3/21/97
SE.MAUNA LOA	NAALEHU	9-6-005:016	1229-02	Pahala Deep 2	Hawaii DWS	BOTH	MUN		400	0.576	3/7/97	6/5/97	5/7/97
KILAUEA	PAHOA	1-5-056:001	3686-01	McDonald	Jane McDonald	BOTH	IRR		30	0.043	3/11/97	6/9/97	4/18/97
KILAUEA	PAHOA	1-5-054:245	3687-02	White	Edward White	BOTH	DOM		10	0.014	4/21/97	7/20/97	5/27/97
KILAUEA	PAHOA	1-5-050:111	3587-04	Reinking	Dean Reinking	BOTH	IRR		30	0.043	5/5/97	8/3/97	5/29/97
KILAUEA	PAHOA	1-5-051:221	3688-01	HPP Comstock	Todd H. Comstock	BOTH	DOM	0.001	15	0.022	9/25/97	12/24/97	12/29/97
HUALALAI	KIHOLO	7-2-003:003	4657-01	Kaupulehu 3	Hualalai Development Co.	BOTH	MUN	0.700	700	1.008	10/6/97	1/4/98	12/4/97
KILAUEA	PAHOA	1-5-052:165	3688-02	Montqomerv	Gary Montqomerv	BOTH	DOM	0.001	20	0.029	1/21/98	4/21/98	2/12/98
E. MAUNA KEA	ONOMEA	2-7-010:003	4805-01	Onomea 1	Kaikodo Hawaii, Inc.	BOTH	DOM	0.006	10	0.014	1/27/98	4/27/98	2/18/98
NE.MAUNA LOA	KEAAU	1-7-017:128	3505-02	Puna Nurserv	Puna Certified Nurserv	BOTH	IRR	0.020	40	0.058	2/17/98	5/18/98	3/12/98
E. MAUNA KEA	HAKALAU	2-9-003:051	5307-04	Freehill/Achar	Pat Freehill/Sudha Achar	BOTH	DOM	0.001	25	0.036	3/18/98	6/16/98	5/21/98
NE.MAUNA LOA	KEAAU	1-6-141:001	3802-06	Hawn Natural 1	Hawaii Brewery Dev. Co.	BOTH	MUN	0.144	225	0.324	4/9/98	7/8/98	4/30/98
E. MAUNA KEA	ONOMEA	2-7-002:003	4708-02	Kaieie Mauka	Hawaii DWS	PUMP	MUN	0.043	30	0.043	4/27/98	7/26/98	
KOHALA	HAWI	5-2-005:010	7345-04	Makapala	Hawaii DWS	PUMP	MUN	0.058	40	0.058	4/27/98	7/26/98	
E. MAUNA KEA	ONOMEA	2-7-010:006	4906-02	Shropshire	Steven H. Shropshire	BOTH	IRR	0.035	50	0.072	5/4/98	8/2/98	6/16/98
KOHALA	MAHUKONA	5-9-005:004	6450-01	Kohala Estates	Virgil Place	BOTH	IRR	0.054	100	0.144	5/5/98	8/3/98	6/19/98
NE.MAUNA LOA	HILO	2-1-012:009	4203-17	HSDP 2	University of Hawaii	BOTH	OTH	0.450	300	0.432	6/2/98	8/31/98	6/24/98
HUALALAI	KEAUHOU	7-5-020:024	3759-01	Kaneyoshi Irr.	Kaneyoshi Co., Ltd.	BOTH	IRR	0.070	60	0.086	8/25/98	11/23/98	10/9/98
HUALALAI	KEAUHOU	7-3-043:041	4363-13	Net Washing	Cyanotech Corporation	BOTH	OTH	0.014	30	0.043	11/10/98	2/8/99	
KILAUEA	HILINA	8-1-004:003	3156-01	Hokukano Irr #2	1250 Oceanside Partners	BOTH	IRR	0.840	600	0.864	11/25/98	2/23/99	
SW.MAUNA LOA	KEALAKEKUA	8-1-004:003	3056-01	Hokukano Irr #1	1250 Oceanside Partners	PUMP	IRR	0.840	600	0.864	12/30/98	3/30/99	

30 records listed for the island of HAWAII

KAUAI													
LIHUE	ANAHOLA	4-9-011:010	1120-22	Molooa-Waldau	Peter Waldau	BOTH	DOM	40	0.058	6/24/96	9/22/96	9/11/96	
LIHUE	KILAUEA	5-1-004:034	1221-01	Koohio Well	Koohio Realty Trust	BOTH	DOM	30	0.043	9/23/96	12/22/96	12/9/96	
LIHUE	ANAHOLA	4-9-011:009	1120-26	Steve's Well	Steve Goldberg	BOTH	DOM	12	0.017	11/13/96	2/11/97	2/11/97	
LIHUE	ANAHOLA	4-9-005:013	1019-07	Papaa Ranch 2	Pacific Ocean Properties	BOTH	MUN	200	0.288	12/11/96	3/11/97	2/20/97	
LIHUE	ANAHOLA	4-9-005:001	0918-02	Anahola	Patrick A. Harrington	BOTH	DOM	60	0.086	1/2/97	4/2/97	3/13/97	
HANAIEI	KALIHIWAI	5-2-004:064	1324-01	Sunburst Equity	Sunburst Equities, Inc.	BOTH	DOM	20	0.029	3/14/97	6/12/97	5/28/97	
LIHUE	ANAHOLA	4-9-011:009	1120-27	Kaakaanui	Deborah Forester	BOTH	DOM	20	0.029	5/14/97	8/12/97	7/21/97	
LIHUE	ANAHOLA	4-9-002:018	0919-05	Aliomanu	Neal H. Kakimoto	BOTH	DOM	20	0.029	6/19/97	9/17/97	7/21/97	
WAIMEA	KEKAHA	1-2-002:032	5844-04	Hi-Bred #3	Pioneer Hi-Bred Int., Inc	BOTH	SLD	350	0.504	6/25/97	9/23/97	7/21/97	

NOTES: gpm = gallons per minute, mgd = million gallons per day, DOM = individual domestic, IND = industrial, IRR = irrigation, MIL = military, MUN = municipal, OBS = observation/monitor, OTH = other use, SLD = well has been sealed, BOTH = WELL + PUMP combined with pump approval pending pump test results. WCPIA are acted upon by the Chairperson unless deferred before and by the Commission.

Well Construction and Pump Installation Permit Applications (WCPIPA) Bulletin

January 13, 1999

Aquifer Sector	Aquifer Svstem	TMK	Well No	Well Name	Applicant	Permit Tvne	Proposed	Pump		Accept	90 Day Deadline	Well Approved	Pump Approved
							Use Type mgd	Capacity gpm	mgd				
WAIMEA	KEKAHA	1-2-002:032	5844-05	Hi-Bred #4	Pioneer Hi-Bred Int., Inc	BOTH	SLD	350	0.504	6/25/97	9/23/97	7/21/97	
WAIMEA	KEKAHA	1-2-002:032	5844-03	Hi-Bred #2B	Pioneer Hi-Bred Int., Inc	BOTH	SLD	350	0.504	6/25/97	9/23/97	7/21/97	
LIHUE	HANAMAULU	3-8-002:002	0023-02	Pukaki	Kauai DWS	BOTH	MUN	700	1.008	7/7/97	10/5/97	7/21/97	
LIHUE	WAILUA	3-8-002:002	0124-02	Hanamaulu 3	Kauai DWS	BOTH	MUN	700	1.008	7/7/97	10/5/97	7/21/97	
LIHUE	ANAHOLA	4-9-008:001	1020-05	Papaa-Lindner	Jeffery S. Lindner	BOTH	IRR	1,000	1.440	7/23/97	10/21/97	8/14/97	
WAIMEA	KEKAHA	1-2-002:001	5945-01	Ceatech Pltns 1	Ceatech Plantations, Inc.	BOTH	OTH	3,000	4.320	8/6/97	11/4/97	9/8/97	
WAIMEA	KEKAHA	1-2-002:001	5945-02	Ceatech Pltns 2	Ceatech Plantations, Inc.	BOTH	OTH	3,000	4.320	8/6/97	11/4/97	9/8/97	
LIHUE	ANAHOLA	4-9-013:011	1120-28	Ka Lae Amana Pt	P. Kuuleialoha P. Johnson	BOTH	DOM	12	0.017	8/13/97	11/11/97	9/23/97	
HANAIEI	KALIHIWAI	5-2-010:028	1325-02	Earhart	Anne Earhart	BOTH	DOM 0.070	80	0.115	10/20/97	1/18/98	11/14/97	
LIHUE	ANAHOLA	4-9-011:009	1120-29	Moshe	Michael Blatt	BOTH	DOM 0.003	15	0.022	3/13/98	6/11/98	4/16/98	
LIHUE	ANAHOLA	4-9-005:001	0818-04	Aina Anahola	Joseph Hanwright	BOTH	DOM 0.010	40	0.058	7/2/98	9/30/98	7/14/98	
WAIMEA	KEKAHA	1-2-006:006	5841-01	Kikiaola	Milohae Limited Part.	BOTH	DOM 0.288	200	0.288	9/1/98	11/30/98	10/5/98	
LIHUE	KILAUEA	4-9-011:001	1120-30	Molooa Ranch 1	Molooa Bav Ranch	BOTH	DOM 0.360	25	0.036	9/3/98	12/2/98	11/12/98	
HANAIEI	KALIHIWAI	5-2-010:028	1325-03	Earhart	Anne Earhart	BOTH	DOM 0.070	80	0.115	9/11/98	12/10/98	10/6/98	11/23/98
LIHUE	ANAHOLA	4-9-005:006	1019-08	Papaa Bav Ranch	Mandalay Properties LLC	BOTH	IRR 0.144	200	0.288	10/23/98	1/21/99	11/19/98	
WAIMEA	KEKAHA	1-2-002:001	5841-02	Kapilimao Valley	Kauai DWS	BOTH				1/5/99	4/5/99		
LIHUE	ANAHOLA	4-6-001:001	0622-02	Kapaa Hmstds 2	Kauai DWS	PUMP	MUN	500	0.720	1/12/99	4/12/99		

26 records listed for the island of KAUAI

MAUI

CENTRAL	KAMAOLE	3-9-041:026	4627-18	Kihei Rd Assoc.	Kihei Road Associates	BOTH	IRR	50	0.072	3/25/91	6/23/91	5/29/91	
KOOLAU	HONOPOU	2-9-005:030	5413-06	Huelo-Harold	Florence Harold	BOTH	IRR	35	0.050	12/7/95	3/6/96	1/24/96	
KAHIKINUI	LUALILUA	2-1-004:008	3723-01	Ulupalakua-Estv	Edward & Mary Lee Estv	BOTH	DOM	50	0.072	1/19/96	4/18/96	3/13/96	
SE.MAUNA LOA	KALAE	4-1-001:021	0137-02	Kaneshiro	Steven M. Kaneshiro	BOTH	DOM	20	0.029	1/22/96	4/21/96	4/19/96	
HANA	KIPAHULU	1-6-005:007	3903-04	Kipahulu-Boerne	Charles Boerner	BOTH	DOM	18	0.026	10/28/96	1/26/97	12/18/96	
HANA	KIPAHULU	1-7-002:001	3806-02	Kaupo Ranch #1	Kaupo Ranch	BOTH	OTH	50	0.072	11/25/96	2/23/97	2/21/97	
LAHAINA	HONOKOWAI	4-3-001:070	5840-02	Kahana Ridge	Maui USA, Inc.	BOTH	IRR	200	0.288	3/7/97	6/5/97	5/22/97	
KOOLAU	HAIKU	2-8-002:001	5417-01	Edington	Anthony Edington	BOTH	IRR	15	0.022	4/4/97	7/3/97	6/3/97	
WAILUKU	WAIKAPU	3-5-004:018	5131-01	Waikapu Mauka	Maui DWS	BOTH	MUN	1,400	2.016	7/14/97	10/12/97	9/19/97	
WAILUKU	IAO	3-4-012:039	5330-14	Wailuku-Vineyrd	Wayne T. Arakaki	BOTH	OTH	5	0.007	8/22/97	11/20/97	9/29/97	
WAILUKU	IAO	3-4-039:111	5329-22	Wailuku-Owa	Wayne T. Arakaki	BOTH	IRR	5	0.007	8/22/97	11/20/97	9/29/97	
CENTRAL	PAIA	2-5-005:016	5523-01	Paia-Ulmer	Kurt Ulmer	BOTH	IRR 0.002	50	0.072	8/29/97	11/27/97	9/29/97	
KOOLAU	HONOPOU	2-9-005:051	5413-10	Naiditch	Jack Naiditch	BOTH	DOM 0.002	15	0.022	10/1/97	12/30/97	12/8/97	
KOOLAU	HAIKU	2-8-003:020	5616-03	Clark	Bob Clark	BOTH	DOM 0.002	30	0.043	1/26/98	4/26/98	3/12/98	
LAHAINA	LAUNIPOKO	4-7-001:021	5138-01	Launiupoko	Launiupoko Associates	PUMP	DOM 0.500	450	0.648	2/26/98	5/27/98	12/4/98	12/10/98
LAHAINA	HONOKOWAI	4-3-009:006	5741-01	McDonald	Mark McDonald	BOTH	IRR 0.002		0.000	3/11/98	6/9/98	5/1/98	
KOOLAU	HAIKU	2-8-004:072	5615-04	Peahi-Bock	Jerry Bock	BOTH	DOM 0.002	20	0.029	4/7/98	7/6/98	6/23/98	
KOOLAU	WAIKAMOI	2-9-011:018	5412-01	Hanawana-Douglas	Keith Douglas	BOTH	DOM 0.002	30	0.043	4/27/98	7/26/98	7/13/98	
HANA	KIPAHULU	1-6-008:009	3903-05	Englehart	Matthew Englehart	BOTH	DOM 0.002	18	0.026	5/1/98	7/30/98	6/25/98	
KOOLAU	HAIKU	2-9-001:010	5614-01	Honopou-Young	Lafayette Young	BOTH	IRR 0.001	10	0.014	5/6/98	8/4/98	6/24/98	
KOOLAU	HONOPOU	2-9-007:046	5513-02	Huelo-Fisher	Guv Fisher	BOTH	DOM 0.002	30	0.043	5/6/98	8/4/98	7/13/98	
KOOLAU	HAIKU	2-8-004:086	5515-04	Peahi-Johnson	Mary Johnson	BOTH	DOM 0.002	15	0.022	6/5/98	9/3/98	7/10/98	
KOOLAU	KEANAE	1-1-004:043	5108-02	Keanae 2	Maui DWS	BOTH	MUN 0.140	100	0.144	6/16/98	9/14/98	7/15/98	
CENTRAL	PAIA	3-8-002:104	5424-08	Spreckels-Wark	Roger Wark	BOTH	DOM 0.003	30	0.043	6/26/98	9/24/98	7/27/98	
CENTRAL	PAIA	3-8-002:102	5424-09	Gerlach	Tom Gerlach	BOTH	DOM 0.009	60	0.086	9/29/98	12/28/98	10/21/98	

NOTES: gpm = gallons per minute, mgd = million gallons per day, DOM = individual domestic, IND = industrial, IRR = irrigation, MIL = military, MUN = municipal, OBS = observation/monitor, OTH = other use, SLD = well has been sealed, BOTH = WELL + PUMP combined with pump approval pending pump test results. WCPIA are acted upon by the Chairperson unless deferred before and by the Commission.

Well Construction and Pump Installation Permit Applications (WCPIPA) Bulletin

January 13, 1999

Aquifer Sector	Aquifer Svstem	TMK	Well No	Well Name	Applicant	Permit Tvne	Proposed Use		Pump Capacity		Accept	90 Day Deadline	Well Approved	Pump Approved
							Type	mgd	gpm	mgd				
LIHUE	KOLOA	3-7-011:020	5427-01	Kahului Power A	Maui Electric Company	BOTH	IND	5.300	3,500	5.040	10/6/98	1/4/99	11/9/98	
LAHAINA	LOWALU	4-8-003:010	493601	Olowalu-Elua	Olowalu Elua Assoc., Ltd.	WELL	IRR	0.036	250	0.360	10/15/98	1/13/99	11/18/98	
KOOLAU	HONOPOU	2-9-012:009	5313-01	EMI Kailua	East Maui Irrigation Co.	BOTH	MUN	0.040	30	0.043	10/23/98	1/21/99	12/10/98	
KAHIKINUI	LUALAILUA	1-8-001:004	3712-01	Waipai	Haleakala Ranch	WELL	OTH	0.015	30	0.043	11/23/98	2/21/99		
KOOLAU	HAIKU	2-8-002:078	5417-02	Ulumalu-Robertson	Lorna Robertson	BOTH	DOM	0.002	15	0.022	12/4/98	3/4/99		

30 records listed for the island of MAUI

MOLOKAI

SOUTHEAST	KAMILOLOA	5-3-003:001	0759-01	Wai'ola Well #1	Molokai Ranch, Ltd.	WELL	MUN		1,400	2.016	1/25/96	4/24/96		
SOUTHEAST	WAIALUA	5-8-015:003	0844-01	Puu O Hoku 1	Puu O Hoku Ranch	WELL	DOM	0.235	700	1.008	3/19/98	6/17/98	11/6/98	

2 records listed for the island of MOLOKAI

OAHU

PEARL HARBOR	WAIPAHU-WAIAWA	9-2-001:001	2302-07	Honouliuli 7	Ewa Plain Water Dev. Corp	BOTH	MUN	1.200	2,050	2.952	9/14/95	12/13/95	3/6/98	
NORTH	KAWAIOA	6-1-002:002	3803-01	Waimea Well One	Attractions Hawaii	PUMP	IRR	0.200	200	0.288	9/24/96	12/23/96	11/23/98	11/24/98
NORTH	KAWAIOA	6-1-002:002	3803-03	Waimea Well Two	Attractions Hawaii	PUMP	IRR	0.200	200	0.288	9/24/96	12/23/96	11/23/98	11/24/98
PEARL HARBOR	WAIPAHU-WAIAWA	9-4-007:037	2400-14	Waipahu II	Honolulu BWS	BOTH	MUN		1,000	1.440	10/7/96	1/5/97	12/18/96	
EWA CAPROCK	PUULOA	9-1-010:029	2001-12	Keaunui Area 30	Gentry Investment Prop.	BOTH	IRR		550	0.792	3/14/97	6/12/97	5/14/97	
HONOLULU	PALOLO	3-4-024:044	1847-02	Palolo Addition	Honolulu BWS	BOTH	MUN		1,000	1.440	6/17/97	9/15/97	7/21/97	
PEARL HARBOR	WAIPAHU-WAIAWA	9-2-005:002	2703-02	Kunia Basal Mon	Campbell Estate	BOTH	MON		20	0.029	6/18/97	9/16/97	7/21/97	
WINDWARD	KOOLAULOA	5-6-002:009	4157-12	HME 1	Hawn Marine Enterprises	BOTH	OTH		200	0.288	7/21/97	10/19/97	9/23/97	
WINDWARD	KOOLAULOA	5-5-001:047	3855-13	Chapman	Elizabeth L. Chapman	BOTH	DOM	0.020	150	0.216	3/24/98	6/22/98	5/21/98	
EWA CAPROCK	PUULOA	9-1-069:007	1902-05	Coral Creek 5	Coral Creek Golf, Inc.	BOTH	OTH	0.480	800	1.152	4/22/98	7/21/98	5/28/98	
EWA CAPROCK	PUULOA	9-1-069:010	2002-18	Coral Creek 3	Coral Creek Golf, Inc.	BOTH	OTH	0.420	700	1.008	4/22/98	7/21/98	5/28/98	
EWA CAPROCK	MALAKOLE	9-1-015:004	2006-02	EP 10 Well C	Campbell Estate	PUMP	IND	1.440	1,000	1.440	4/24/98	7/23/98		
EWA CAPROCK	MALAKOLE	9-1-015:004	2006-06	EP 10 Well G	Campbell Estate	PUMP	IND	1.440	1,000	1.440	4/24/98	7/23/98		
WAIANAE	LUALUALEI	8-7-010:003	2509-07	Maili Quarry	Hawaiian Cement	BOTH	OTH	0.019	200	0.288	4/24/98	7/23/98	5/18/98	
EWA CAPROCK	PUULOA	9-1-001:001	1900-23	Pac Tsunami Ctr	National Weather Service	BOTH	IRR	0.120	50	0.072	5/29/98	8/27/98	9/14/98	
EWA CAPROCK	PUULOA	9-1-069:010	2002-19	Lake No. 1	Coral Creek Golf, Inc.	BOTH	IRR	0.690	800	1.152	8/5/98	11/3/98		
WINDWARD	KOOLAULOA	5-5-006:005	3856-05	Quarry Well E	Briham Young University	PUMP	MUN	1.461	1,075	1.548	8/7/98	11/5/98		
WINDWARD	KOOLAULOA	5-5-006:001	3856-06	Quarry Well F	Property Reserves, Inc.	PUMP	MUN	1.461	1,075	1.548	8/7/98	11/5/98		
EWA CAPROCK	KAPOLEI	9-1-016:108	200308	East Kapolei Explora	HDCCD	BOTH	IRR	0.500	350	0.504	10/21/98	1/19/99		
PEARL HARBOR	WAIPAHU-WAIAWA		2300-09	Waipahu P7C	AMFAC Land Co., Ltd.	SEAL					12/22/98	3/22/99	1/5/99	
PEARL HARBOR	WAIPAHU-WAIAWA		2300-07	Waipahu P7A	AMFAC Land Co., Ltd.	SEAL					12/22/98	3/22/99	1/5/99	
PEARL HARBOR	WAIPAHU-WAIAWA		2300-08	Waipahu P7B	AMFAC Land Co., Ltd.	SEAL					12/22/98	3/22/99	1/5/99	
WINDWARD	KOOLAUPOKO	4-5-023:002	2449-02	Windward Oahu Expl.	State DLNR-Land Division	WELL	OTH				12/23/98	3/23/99		

23 records listed for the island of OAHU

NOTES: gpm = gallons per minute, mgd = million gallons per day, DOM = individual domestic, IND = industrial, IRR = irrigation, MIL = military, MUN = municipal, OBS = observation/monitor, OTH = other use, SLD = well has been sealed, BOTH = WELL + PUMP combined with pump approval pending pump test results. WCPIA are acted upon by the Chairperson unless deferred before and by the Commission.

Water Use Permit Applications (WUPA) Bulletin

January 13, 1999

Final

WMA	WUP	Applicant	Well Name	Well No.	mgd	Use Description	Accepted	PN2	Object	PH	Deadline	Agenda	Action
Island of MOLOKAI													
KAMILOLOA	429	WAI'OLA MOLOKAI, INC.	WAI'OLA NO. 1	0759-01	1.250	MUNICIPAL	1/22/96	3/ 6/96	3/20/96		4/21/96	4/10/96	
KUALAPUU	448	STATE DHHL	DHHL 1	0801-01	1.250	224 RESIDENCES AND 549 ACRES AG LOTS	9/19/97	11/ 3/97	11/20/97	1/28/98	3/18/98	1/14/98	
KUALAPUU	448	STATE DHHL	DHHL 2	0801-02	0.000	224 RESIDENCES AND 549 ACRES AG LOTS	9/19/97	11/ 3/97	11/20/97	1/28/98	3/18/98	1/14/98	
Total # for	MOLOKAI		3										

Island of OAHU													
KOOLAULOA	391	CAMPBELL ESTATE	HAW MAR ENT CLAM	4157-10	3.000	AQUACULTURE FOR 0.33 ACRES OF CLAMS	6/23/93	9/28/93	10/12/93		9/21/93	9/13/95	
KOOLAULOA	385	POLYNESIAN CULTURAL CEN.	PCC LAGOON WELL	3855-09	0.690	SUPPLY LAGOON'S AQUATIC LIFE, PROVIDE CIRCULATION	6/23/93	8/13/93	8/30/93	11/28/95	12/20/93	2/21/96	
KOOLAULOA	384	LAIE WATER CO., INC.	CAMPUS WELL	3855-06	1.070	MUNICIPAL FOR 607 RES,BYUH,COMMERCIAL,LAIE SCHOOL	6/23/93	8/13/93	8/30/93	11/28/95	12/20/93	2/21/96	
KOOLAULOA	384	LAIE WATER CO., INC.	CERAMICS WELL	3855-07	0.000	MUNICIPAL FOR 607 RES,BYUH,COMMERCIAL,LAIE SCHOOL	6/23/93	8/13/93	8/30/93	11/28/95	12/20/93	2/21/96	
KOOLAULOA	384	LAIE WATER CO., INC.	LIBRARY WELL	3855-08	0.000	MUNICIPAL FOR 607 RES,BYUH,COMMERCIAL,LAIE SCHOOL	6/23/93	8/13/93	8/30/93	11/28/95	12/20/93	2/21/96	
KOOLAULOA	388	LAIE WATER CO., INC.	TEMPLE WELL	3956-03	0.390	MUNICIPAL FOR 607 RES,BYUH,COMMERCIAL,LAIE SCHOOL	6/23/93	8/13/93	8/30/93	11/28/95	12/20/93	2/21/96	
KOOLAULOA	386	HAWAII RESERVES, INC.	QUARRY WELL D	3856-04	0.330	IRRIGATION FOR 51 ACRES BANANAS, PAPAYAS, GRASS	6/23/93	9/22/93	10/ 6/93	11/28/95	12/20/93	2/21/96	
KOOLAULOA	381	HAWAII RESERVES, INC.	LAIE MALOO	3755-04	0.010	SUPPLY FOR LIVESTOCK	6/23/93	9/22/93	10/ 6/93	11/28/95	12/20/93	2/21/96	
KOOLAULOA	383	HAWAII RESERVES, INC.	WELFARE FARM	3855-04	0.130	IRRIGATE 39 ACRES BANANAS, PAPAYAS, GRASS	6/23/93	9/22/93	10/ 6/93	11/28/95	12/20/93	2/21/96	
KOOLAULOA	387	HAWAII RESERVES, INC.	PRAWN FARM	3856-07	0.480	SUPPLY 103 ACRES OF PRAWNS	6/23/93	9/22/93	10/ 6/93	11/28/95	12/20/93	2/21/96	
KOOLAULOA	389	HAWAII RESERVES, INC.	EGG FARM	3956-05	0.060	SUPPLY CHICKEN AND EGG FARM NEEDS	6/23/93	9/22/93	10/ 6/93	11/28/95	12/20/93	2/21/96	
KOOLAULOA	382	HAWAII RESERVES, INC.	TRUCK FARM	3755-06	0.170	IRRIGATE 51 ACRES OF GRASS	6/23/93	9/22/93	10/ 6/93	11/28/95	12/20/93	2/21/96	
KOOLAULOA	379	HAWAII RESERVES, INC.	KAPAKA FARM 1	3554-01	0.110	IRRIGATE 33 ACRES BANANAS, PAPAYAS, GARDEN CROPS	6/23/93	9/22/93	10/ 6/93	11/28/95	12/20/93	2/21/96	
KOOLAULOA	253	HAWAII RESERVES, INC.	KAPAKA FARM 3	3654-03	0.110	IRRIGATE 33 ACRES BANANAS, PAPAYAS, GARDEN CROPS	6/23/93	9/22/93	10/ 6/93	11/28/95	12/20/93	2/21/96	
KOOLAUPOKO	404	HONOLULU BWS	WAIHEE INCLINED	2652-01	1.000	MUNICIPAL USE	10/ 1/93	11/10/93	11/26/93	2/ 2/94	3/30/94	8/16/95	
KOOLAUPOKO	404	HONOLULU BWS	WAIHEE INCLINED	2652-02	0.000	MUNICIPAL USE	10/ 1/93	11/10/93	11/26/93	2/ 2/94	3/30/94	8/16/95	
KOOLAUPOKO	404	HONOLULU BWS	WAIHEE INCLINED	2652-03	0.000	MUNICIPAL USE	10/ 1/93	11/10/93	11/26/93	2/ 2/94	3/30/94	8/16/95	
KOOLAUPOKO	404	HONOLULU BWS	WAIHEE INCLINED	2652-04	0.000	MUNICIPAL USE	10/ 1/93	11/10/93	11/26/93	2/ 2/94	3/30/94	8/16/95	
KOOLAUPOKO	405	HONOLULU BWS	WAIHEE	2751-02	0.500	MUNICIPAL USE	10/ 1/93	11/10/93	11/26/93	2/ 2/94	3/30/94	8/16/95	
KOOLAUPOKO	405	HONOLULU BWS	WAIHEE	2751-03	0.000	MUNICIPAL USE	10/ 1/93	11/10/93	11/26/93	2/ 2/94	3/30/94	8/16/95	
KOOLAUPOKO	403	HONOLULU BWS	WAIHEE TUNNEL	2651-02	4.500	MUNICIPAL USE	10/ 1/93	11/10/93	11/26/93	2/ 2/94	3/30/94	8/16/95	
KOOLAUPOKO	471	HONOLULU BWS	HAIKU	2450-02	0.540	DEFERRED PORTION OF EXISTING/FUTURE USE WUPNO.330	10/ 1/93	11/10/93	11/24/93	2/ 2/94	3/30/94	8/16/95	
KOOLAUPOKO	472	HONOLULU BWS	KAHALUU	2651-03	0.070	DEFERRED PORTION OF EXISTING/FUTURE USE WUP NO.333	10/ 1/93	11/10/93	11/24/93	2/ 2/94	3/30/94	8/16/95	
WAIPAHU-WAIAWA	422	EWA PLAIN WATER DEV CORP	HONOLULU WELL 7	2302-07	1.120	MUNICIPAL FOR OVER 10,000 UNITS ON EWA PLAIN	9/14/95	10/ 9/95	10/23/95	4/15/96	3/12/96	3/18/98	
KOOLAULOA	386	LAIE WATER CO., INC.	QUARRY E	3856-05	0.000	BACKUP FOR LAIE MUNICIPAL SUPPLY WELLS	11/14/95	12/28/95	1/12/95		2/12/96	2/21/96	
KOOLAULOA	386	LAIE WATER CO., INC.	QUARRY F	3856-06	0.000	BACKUP FOR LAIE MUNICIPAL SUPPLY WELLS	11/14/95	12/28/95	1/12/95		2/12/96	2/21/96	
KOOLAUPOKO	428	PACIFIC ATLAS (HAWAII)INC	BAY VIEW NO. 1	2447-02	0.210	BAY VIEW GOLF COURSE IRRIGATION	1/19/96	2/12/96	2/27/96		4/18/96	3/13/96	
KOOLAUPOKO	428	PACIFIC ATLAS (HAWAII)INC	BAY VIEW NO. 2	2447-03	0.000	BAY VIEW GOLF COURSE IRRIGATION	1/19/96	2/12/96	2/27/96		4/18/96	3/13/96	
KOOLAUPOKO	428	PACIFIC ATLAS (HAWAII)INC	BAY VIEW NO. 3	2447-04	0.000	BAY VIEW GOLF COURSE IRRIGATION	1/19/96	2/12/96	2/27/96		4/18/96	3/13/96	
KOOLAUPOKO	428	PACIFIC ATLAS (HAWAII)INC	BAY VIEW NO. 4	2447-05	0.000	BAY VIEW GOLF COURSE IRRIGATION	1/19/96	2/12/96	2/27/96		4/18/96	3/13/96	
KOOLAUPOKO	428	PACIFIC ATLAS (HAWAII)INC	BAY VIEW NO. 5	2447-06	0.000	BAY VIEW GOLF COURSE IRRIGATION	1/19/96	2/12/96	2/27/96		4/18/96	3/13/96	
EWA-KUNIA	430	WEST BEACH ESTATES	W.BEACH NONPOTABLE	2006-17	1.640	KO OLINA PHASE II G.COURSE; PHASE I&II LANDSCAPING	1/30/96	3/ 6/96	3/20/96		4/29/96	4/15/96	
WAIPAHU-WAIAWA	454	HAWAII COUNTRY CLUB	HAW COUNTRY CLUB	2603-01	1.000	IRRIGATION FOR HAWAII COUNTRY CLUB	9/26/96	11/25/96	12/ 9/96		12/25/96	10/22/97	
NUUANU	460	HONOLULU BWS	NUUANU AERATOR	2149-03	0.500	REPLACEMENT FOR SW SOURCES; MUNICIPAL GROWTH	11/22/96	1/28/97	2/11/97		2/20/97	2/18/97	
WAIPAHU-WAIAWA	459	CAMPBELL ESTATE	EP 7, 8	2202-15	6.110	EWA VILLAGES GOLF COURSE, LANDSCAPING (286.1 AC)	11/27/96	12/30/96	1/14/97		2/25/97	10/22/97	
WAIPAHU-WAIAWA	459	CAMPBELL ESTATE	EP 7, 8	2202-17	0.000	EWA VILLAGES GOLF COURSE, LANDSCAPING (284 AC)	11/27/96	12/30/96	1/14/97		2/25/97	10/22/97	
WAIPAHU-WAIAWA	459	CAMPBELL ESTATE	EP 7, 8	2202-18	0.000	EWA VILLAGES GOLF COURSE, LANDSCAPING (284 AC)	11/27/96	12/30/96	1/14/97		2/25/97	10/22/97	
WAIPAHU-WAIAWA	459	CAMPBELL ESTATE	EP 7, 8	2202-19	0.000	EWA VILLAGES GOLF COURSE, LANDSCAPING (284 AC)	11/27/96	12/30/96	1/14/97		2/25/97	10/22/97	
WAIPAHU-WAIAWA	459	CAMPBELL ESTATE	EP 7, 8	2202-20	0.000	EWA VILLAGES GOLF COURSE, LANDSCAPING (284 AC)	11/27/96	12/30/96	1/14/97		2/25/97	10/22/97	
WAIPAHU-WAIAWA	474	BISHOP ESTATE	WAIWA DEV. TUNNEL	2657-05	4.200	AGRICULTURAL AND NONPOTABLE URBAN IRRIGATION	2/ 2/98	3/20/98	3/ 6/98		5/ 3/98	4/15/98	
EWA-KUNIA	493	CAMPBELL ESTATE	EP 10	2006-02	5.010	COOLING TOWER MAKE-UP WATER	4/24/98	5/11/98	5/26/98		7/23/98	7/15/98	

NOTES: WMA = Water Management Area; WUP = Water use permit; mgd = million gallons per day, requested amount; PN2 = 2nd Public Notice; Object = Objection Deadline;

PH = Public Hearing Date, if necessary. If a public hearing is required, applications go before the CWRM within 180 days, otherwise within 90 days.

Water Use Permit Applications (WUPA) Bulletin

WMA	WUP	Applicant	Well Name	Well No.	mgd	Use Description	Accepted	PN2	Object	PH	Deadline	Agenda	Action
EWA-KUNIA	493	CAMPBELL ESTATE	EP 10	2006-06	0.000	COOLING TOWER MAKEUP WATER	4/24/98	5/11/98	5/26/98		7/23/98	7/15/98	
PUULOA	503	CORAL CREEK GOLF, INC.	CORAL CREEK LAKE 1	2002-19	0.000	GOLF COURSE IRRIGATION (146 ACRES)	8/27/98	9/21/98	10/ 5/98		11/25/98	11/18/98	
PUULOA	508	CORAL CREEK GOLF, INC.	CORAL CREEK NO. 10	2001-14	0.000	GOLF COURSE IRRIGATION (BACKUP WELL)	9/25/98	10/20/98	11/ 4/98		12/24/98	1/21/99	
KAPOLEI	520	STATE HCDC	EAST KAPOLEI	2003-08	0.500	LANDSCAPE IRRIGATION	11/20/98	1/13/99	1/28/99		2/18/99	2/17/99	
Total # for		OAHU	45										
Total # statewide			48										

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PH = Public Hearing Date, if necessary. If a public hearing is required, applications go before the CWRM within 180 days, otherwise within 90 days.

SCAP Number	Applicant / Petitioner	Permit Type	Stream	Description	TMK	Accepted	90-day deadline	Agenda	Final Action
Hawaii									
SCAP- HA-267	State of Hawaii Department of Transportation	ALT	Kuwaikahi	Seismic retrofit of bridge, Federal-Aid-Project No. BR-019-2(44)	3-5-04:por	10/22/98	1/20/99	1/29/99	
1 records for the island of Hawaii									
Kauai									
SCAP- KA-126	Kukuiula Development Company	ALT	Poeleele	Trenching work to allow installation of a 16-inch water main	2-7-03:002,003, & 005	1/29/93	4/29/93		
SCAP- KA-257	U.S. Geological Survey, Water Resources Division	ALT	Hanalei	Upstream relocation of existing streamgage to measure total flow	5-3-01:003, 5-4-02:016	8/12/98	11/10/98		
2 records for the island of Kauai									
Oahu									
SCAP- OA-096	Luana Hills Country Club	ALT	Makawao	Construction of a utility bridge	4-2-08	2/13/92	5/13/92	3/3/93	
SCAP- OA-098	Luana Hills Country Club	ALT	Makawao	Construction of an access bridge	4-2-08	4/14/92	7/13/92	3/3/93	
SCAP- OA-248	Reppun, Friola, Hoe et. al.	ALT	Waianu	After-the-Fact construction of a river rock and concrete ford crossing	4-8-12:021	6/16/98	9/14/98	10/22/98	
SCAP- OA-258	City & County of Honolulu Department of Design & Construction	ALT	Kahiwa	Construction of 85-ft retaining wall with 4-ft high chain link fence near Kahiwa Place	2-9-38:014	8/17/98	11/15/98	11/18/98	11/18/98
SCAP- OA-264	Honolulu Board of Water Supply	ALT	Moole	Trench work for installation of 8-inch and 12-inch sewer and water line crossings	1-9-07:002	9/21/98	12/20/98	11/18/98	11/18/98
SCAP- OA-264	Honolulu Board of Water Supply	ALT	Makuku	Trench work for installation of 8-inch and 12-inch sewer and water line crossings	1-9-07:002	9/21/98	12/20/98	11/18/98	11/18/98
SCAP- OA-266	Estate of James Campbell	ALT	Malaekahana	Removal of mud & vegetation to restore drainage capacity.	5-6-02 & 06, & 5-7-01	10/13/98	1/11/99	11/18/98	11/18/98
SCAP- OA-265	City & County of Honolulu Department of Facility Maintenance	ALT	Aiea	Removal of mud, vegetation, and debris to restore 2100 ft. of lined & unlined channel	9-9-42:059 & 65, 9-9-44:	10/22/98	1/20/99	1/29/99	
SCAP- OA-268	City & County of Honolulu Department of Design & Construction	ALT	Kamooalii	Reinstall new storm drainlines and concrete apron	4-5-81:058&059; 4-5-85:	11/6/98	2/4/99	1/28/99	
SCAP- OA-269	State of Hawaii Department of Transportation	ALT	Ala wai canal	New pedestrian bridge on Kalakaua over canal	2-3-34	11/6/98	2/4/99	1/29/98	
SCAP- OA-271	City & County of Honolulu Department of Design & Construction	ALT	Nuuuanu	Construction of concrete cutoff wall to prevent damage to channel lining & bridge abutments	2-2-33:073 & 2-2-36:061	11/20/98	2/18/99	1/29/99	
SCAP- OA-272	City & County of Honolulu Department of Facility Maintenance	ALT	Heeia	Removal of silt, vegetation, & debris over 114 ft of channel to restore drainage capacity	4-6-20 & 34	11/27/98	2/25/99		
SCAP- OA-273	City & County of Honolulu Department of Facility Maintenance	ALT	Paukauila Tributary	Removal of silt, vegetation, & debris to restore drainage capacity at Cane Haul & Paalaa Rd culverts	6-6-012 & 015	12/15/98	3/15/99		
13 records for the island of Oahu									