



WATER-RIGHT DOCKET

Haleakala National Park

Docket No: 2

KIPAHULU WELL

State Water Rights Documentation

12-01-1995: state of hawaii: application for a permit - pump installation



State of Hawaii
COMMISSION ON WATER RESOURCE MANAGEMENT
Department of Land and Natural Resources

APPLICATION FOR PERMIT
☐ Well Construction or ☒ Pump Installation

Instructions: Please print in ink or type and send completed application with attachments to the Commission on Water Resource Management, P.O. Box 621, Honolulu, Hawaii 96809. Application must be accompanied by a non-refundable filing fee of \$25.00 payable to the Dept. of Land and Natural Resources. The Commission may not accept incomplete applications. For assistance, call the Regulation Branch at 587-0225.

1. APPLICANT: (circle primary contact a, b, or c) Primary Fax: 572-1304

(a) WELL OWNER (b) LANDOWNER

Firm/Name National Park Service Firm/Name National Park Service EXT. 5700
Contact Person Don Reaser Ph: 572-8306 ext 5100 Contact Person Don Reaser Ph: 572-8306
Address PO Box 369 Maunawao Address PO Box 369 Maunawao
Maui, Hawaii 96768 Maui, Hawaii 96768

(c) CONTRACTOR - pending competitive Bid

Firm/Name _____ Ph: _____ Contractor's C-57 License No. _____
Address _____

2. WELL LOCATION/NAME: Kipahulu 3903-03 Island Maui
Address _____ Tax Map Key 1-6-05-24*

(Attach a USGS map, scale 1"=2000', and a property tax map showing well location referenced to established property boundaries.)
* well registered on parcel 15 which has now been incorporated into parcel 24

3. (a) PROPOSED WORK: ☐ Drill New Well ☐ * Alter Location
☐ Modify Existing Well ☐ Redrill ☐ Deepen ☐ * Abandon/Seal
☒ Install New Pump ☐ Replace Pump ☐ Modify Pump
* Be sure to complete and submit well abandonment report upon completion of work.

(b) WELL TYPE: ☐ Dug ☐ Bored ☐ Driven ☒ Drilled ☐ Radial
Is this well a part of a battery of wells? ☐ Yes ☒ No
(Briefly describe and fill in the diagram on the back of this form.)

4. PROPOSED PUMP INFORMATION: Rated Pump Capacity: 46-6.9 gallons per minute

Pump Type: ☐ Deep Well Turbine ☐ Rotary ☐ Propeller Motor: ☐ Diesel
☒ Submersible ☐ Rotary-Displacement ☐ Reciprocating ☐ Gas
☐ Centrifugal ☐ Rotary-Gear ☐ Impulse ☒ Electric, rated horsepower of 1.5

5. PROPOSED USE: ☐ Municipal (including hotels, stores, etc.) ☐ Military
☐ Domestic (individual, noncommercial water sys.) ☐ Industrial
☐ Irrigation (crop) ☒ Other (explain) Public Park Use
State Land Use District: ☐ Urban ☐ Agriculture ☐ Rural ☒ Conservation
County Zoning (describe) None, per David Good Maui Co., 243-7875
(if more space is needed, continue below under remarks, explanations.)

6. (a) PROPOSED AMOUNT OF WITHDRAWAL: 1060-240 gallons per day
(b) METHOD OF FLOW MEASUREMENT: ☒ Flow-meter ☐ Open-pipe ☐ Orifice Plate ☐ Weir

7. PENDING ACTIONS: ☐ CDUA ☐ SMA ☐ EIS ☐ EA ☒ NONE ☐ Other(explain)

8. REMARKS, EXPLANATIONS: This well was completed and pump tested in October 1980. A report on the well drilling and testing was prepared by the US
(if more space is needed, continue on back)

I understand that approval of this application attaches the following standard conditions: 1) the proposed work is to be completed within two (2) years of the approval date; 2) the contractor shall submit to the Commission a well completion/abandonment report within 30 days after the completion date of the permitted work; 3) monthly water use data shall be submitted to the Commission; 4) such approval shall not constitute a determination of relative water rights and shall not guarantee the pump capacity or future use up to the permitted pump capacity.

Well Owner National Park Service Landowner National Park Service Contractor _____
Signature Donald W. Reaser Signature Donald W. Reaser Signature _____
Date 12-1-95 Date 12-1-95 Date _____

For Official Use Only:

Date Received _____
Date Accepted _____
Field Checked By _____
Date _____

Longitude _____
Latitude _____

Aquifer System Name _____
State Well No. _____

8. Remarks, Explanations (cont'd): *Geological Survey C Report 83-4066* in 1983, this report is on file with the commission staff. NPS intentions to develop the well for public purposes were discussed in the *Haleakala National Park General Management Plan/Environmental Impact Statement*, January 1995.

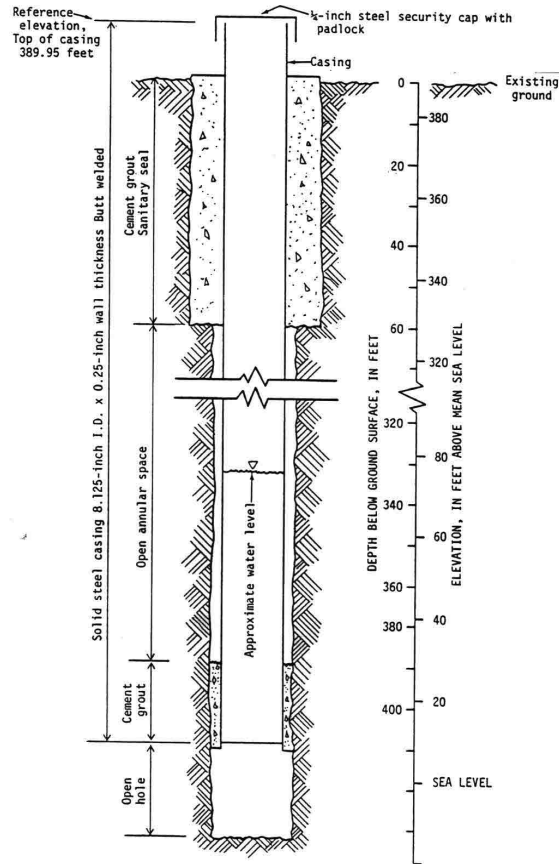


Figure 3. Construction details of the finished well.

*Approximate elevation at time of filing application. Ground elevation above mean sea level (msl) by a surveyor licensed by the State must be submitted at start of construction. Final elevations of well components shall be submitted in the well completion/well abandonment reports.

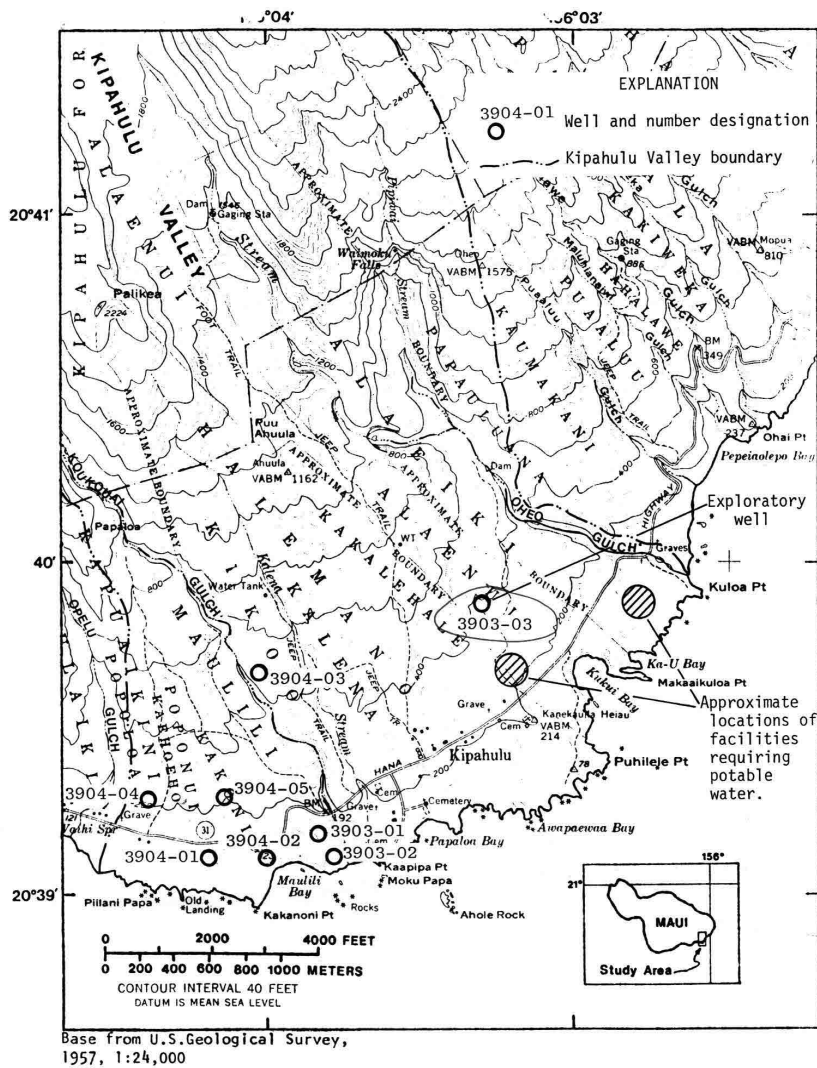
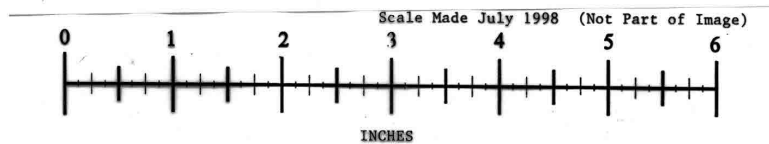


Figure 1. Well locations in Kipahulu Valley.

3



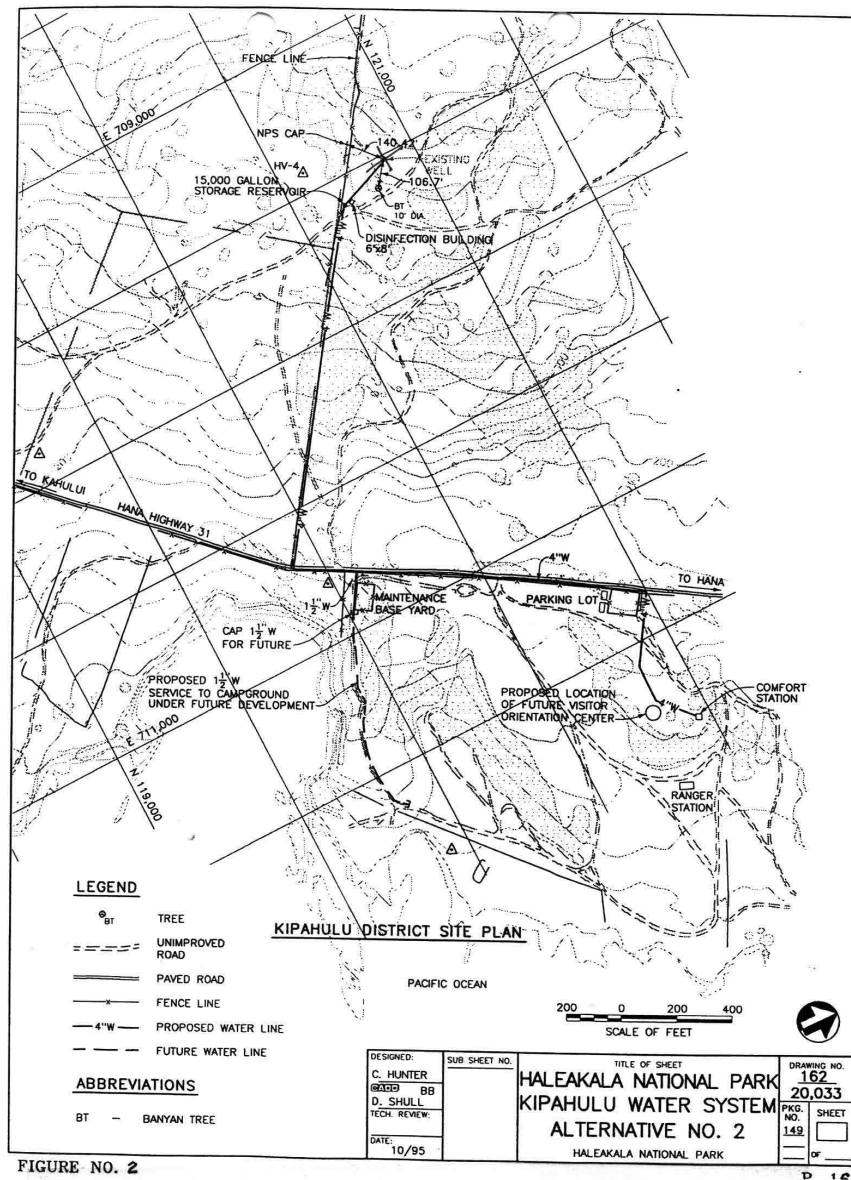
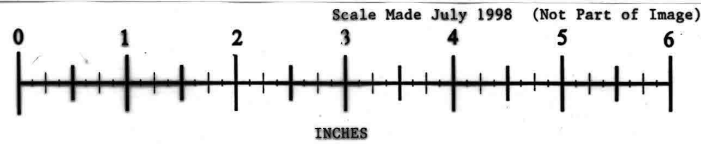
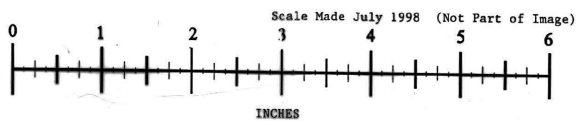
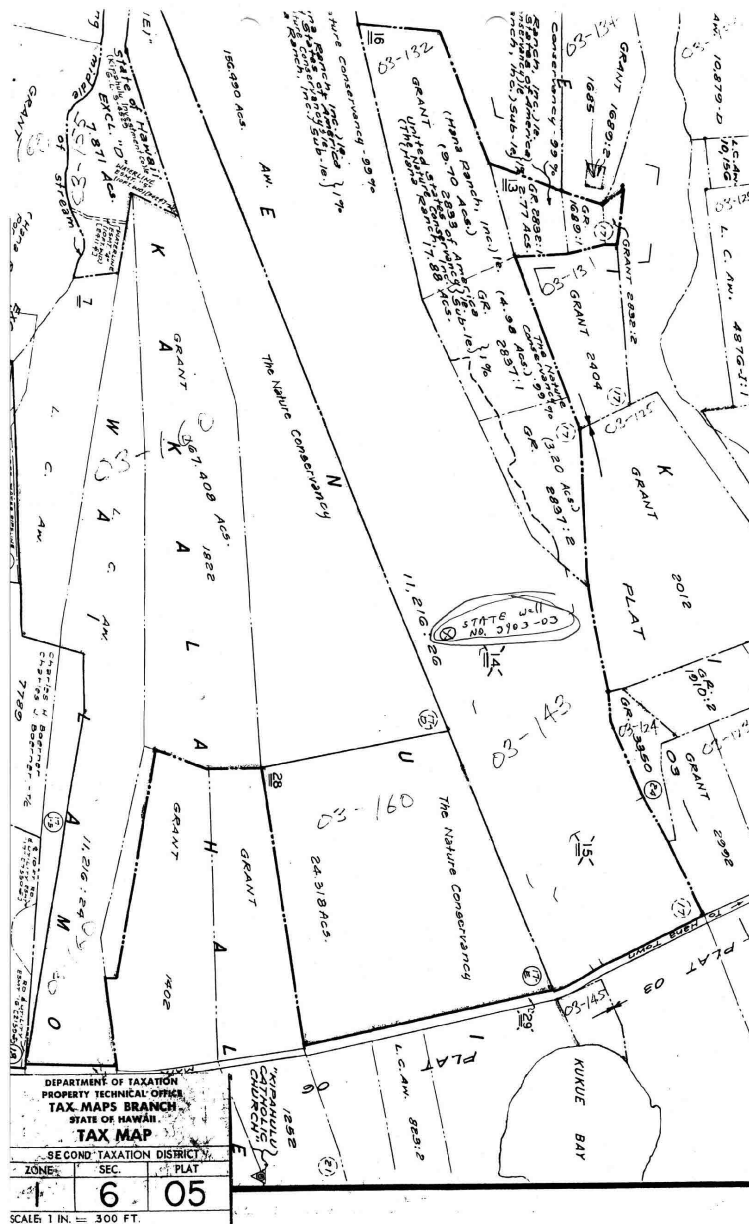


FIGURE NO. 2





Form 8810-1



STATE OF HAWAII
COMMISSION ON WATER RESOURCE MANAGEMENT
DEPARTMENT OF LAND AND NATURAL RESOURCES
DIVISION OF WATER RESOURCE MANAGEMENT

REGISTRATION OF WELL
AND
DECLARATION OF WATER USE

INSTRUCTIONS: Please type or print. If information is not available or not applicable, indicate as N/A. Fill out as completely as possible, sign, and file form with the Division of Water Resource Management, P.O. Box 373, Honolulu, Hawaii 96809. Phone 548-3948 or 548-7543 for assistance.

BATTERY OF WELLS: For a battery of wells, on the surface, in a tunnel, or in a shaft, submit a registration form for each well together with a single map or plot plan showing layout of wells.

STATE WELL NO.: 3903-03 ISLAND: Maui
WELL NAME OR DESIGNATION: --
SOURCE OR STATION NAME (For a battery of wells): --

A. WELL OPERATOR

Firm name: (Well is capped and
Contact person: is not operating)
Address: _____
Zip: _____ Phone: _____

B. OWNER OF WELL SITE

Firm name: National Park Service
Contact person: Bryan Harry
Address: 300 Ala Moana Blvd., Box 50165
Honolulu, Hawaii
Zip: 96850 Phone: 541-2693

C. WELL LOCATION

Tax Map Key: 1-6-05-15 Town, Place, District: Kipahulu
Attach USGS "Quad" map (scale 1:24,000), tax map, or other map showing the well location.

D. WELL DATA

For Drilled Wells, submit "as-built" drawing, driller's log, and pump test results, and complete items below.
For Tunnels and Shafts, submit construction drawings, plot plan, or sketch map.

Ground elevation (Mean sea level): 388 ft. Year drilled or constructed: 1980
Reference point (Used to measure depth to water): _____ Well contractor: Big Island Drilling
Elevation: 75 ft. Casing diameter: 8 in.
Description: Water level above Solid casing depth (Below ground): 60 ft.
sea level Perforated casing depth (Below ground): -- ft.
Depth to water (Below reference point): 313 ft. Total depth of well: 410 ft.
Maximum recorded chloride: 4.2 ppm mg/L
Minimum recorded chloride: 4.2 ppm mg/L
Maximum chloride in 1987: -- ppm Minimum chloride in 1987: N/A ppm

E. INSTALLED PUMP DATA N/A

Pump type: ☐ Vertical shaft ☐ Submersible ☐ Centrifugal ☐ Other (specify): _____
Power: ☐ Diesel, _____ HP ☐ Gas, _____ HP ☐ Electric, _____ HP ☐ Other (specify): _____
Pump capacity: _____ gallons per minute
Pump installation contractor: _____

*Well was pump tested for nine hours at various discharge rates in October 1980.

... (continued over)

For Official Use Only:

Date received: _____ Date accepted: _____
Field checked by: _____ Date: _____ Latitude: _____ Hydrologic Unit: _____
Comments: _____ Longitude: _____ State Well No.: _____

Reference: Hawaii Revised Statutes, Chapter 174C.
Hawaii Administrative Rules, Chapters 13-167 to 13-171

NOTE: The purpose of the Declaration of Water Use is to obtain information necessary for the management of the State's water resources. The Declaration does not confer a legal right to water or its use.

Water use data are recorded: ☐ Daily ☐ Weekly ☐ Monthly

☐ Other (Describe): N/A

Method of measurement: ☐ Flow Meter ☐ Orifice

☐ Other (Describe): N/A

Quantity of Use (Report metered or estimated monthly water use from the well described on the reverse side of this form, for the calendar years 1983 through 1987. For a battery of wells which are not individually metered, but which are connected to a single meter or other measuring device, report total use from the battery):

WATER USE, IN GALLONS x 1000

	1983	1984	1985	1986	1987
January	N/A				
February					
March					
April					
May					
June					
July					
August					
September					
October					
November					
December					
ANNUAL					

Minimum day's use: N/A gallons Maximum day's use: N/A gallons
Typical times of usage: N/A

Type of Use (Check all category boxes that apply and provide additional information as indicated):

Category

Additional Information

☐ Municipal (including resorts, hotels, businesses)

☐ Domestic (systems serving 25 people or less)

☐ Irrigation

☐ Industrial

☐ Military

☐ Other

Number of service connections: N/A

Acres Irrigated: N/A

Crop(s): ☐ Sugar ☐ Pineapple

☐ Other (specify):

Non-Crop: ☐ Landscape ☐ Golf Course

☐ Other (specify):

Method: ☐ Drip ☐ Furrow ☐ Sprinkler

☐ Cooling ☐ Manufacturing ☐ Mill

☐ Other (specify):

Specify (livestock, aquaculture, etc.):

I declare that the contents of the above Declaration of Water Use are, to the best of my knowledge and belief, true, correct, and complete.

Water User's Signature: Bryan Harry Date: 5/18/89

Printed Name: Bryan Harry

Firm or Title (Well Operator, etc.): National Park Service

Other Supporting Information

JOHN WAIHEE
GOVERNOR OF HAWAII



STATE OF HAWAII
DEPARTMENT OF LAND AND NATURAL RESOURCES
COMMISSION ON WATER RESOURCE MANAGEMENT

P. O. BOX 621
HONOLULU, HAWAII 96809

MAR 14 1991

Dir ☒
ADir ☒
PL ☒
LA ☒
Arch ☒
WILLIAM K. PATY ☒
CHAIRPERSON
SBC
JOHN C. LEWIN, M.D. ☒
MICHAEL J. CHUN, P.E. ☒
ROBERT A. MAKATA ☒
RICHARD H. COX ☒
GUY K. FUJIMURA ☒
MANABU TAGOMORI ☒
DEPUTY
cc: HALE

Mr. Alan Holt
Director, Science & Stewardship
1116 Smith Street, Suite 201
Honolulu, HI 96817

File Reference: U S PARKS MAUI

Dear Mr. Holt:

National Park Service Declaration for Haleakala

Thank you for your letter of February 22, regarding your interests in TMK 1-6-5:24 at Kipahulu, Maui, for which the National Park Service (NPS) is believed to have registered a well for Haleakala National Park.

A review of the NPS file shows that they have registered a well in TMK 1-6-5:15 at Kipahulu, Maui. Further to your letter, we have spoken with Mr. Bryan Harry of the NPS, who has confirmed his understanding that there is only one well at Haleakala National Park. Mr. Harry suspects that one of the two tax map numbers provided to us may be in error, and will follow up to clear up the discrepancy.

The well in question is presently capped and is not operating. As such, it will be registered as an existing unused source, but will not be eligible for a certificate of water use at this time. Before the NPS can active this well, they would need to first obtain a pump installation permit from the Commission on Water Resource Management.

Because this is an unused source, we do not expect that there would be any hearing regarding the declaration. If you are interested in testifying in support of NPS's future use of the well, the appropriate time for that would be when NPS submits an application for a pump installation permit.

Sincerely,

MANABU TAGOMORI
Deputy Director

RECEIVED

cc: B. Harry, National Park Service

MAR 15 1991

PACIFIC AREA OFFICE

D5039(PAAR)

May 19, 1989

Division of Water Resource Management
P. O. Box 373
Honolulu, Hawaii 96809

Gentlemen:

In compliance with provisions of the new State Water Code, here is the completed form for the National Park Service's well located in the Oheo/Seven Pools area of Haleakala National Park. The well remains undeveloped and unused. Its intended purpose is to accommodate the needs of more than 450,000 visitors who come to the area each year. Although drilled in 1980, no use will be made of the water until National Park Service land acquisition in the area is completed. If you have questions or need additional information, please call me.

Sincerely,

/SGD/ **BRYAN HARRY**

Bryan Harry
Director, Pacific Area

Enclosure

GBarbano:jfn:5/19/89

TEJ

MAY 11 1989

CARLSMITH, WICHMAN, CASE, MUKAI AND ICHIKI

A PARTNERSHIP INCLUDING LAW CORPORATIONS

Memorandum To: All Hawaii Attorneys
From: Robert E. Strand, Esq. *MS*
Date: May 9, 1989
Subject: State Water Code Registration Deadline

In order to comply with the provisions of the new State Water Code, your clients who are water users must do the following on or before Friday, May 26, 1989:

1. Any person owning or operating a water well in the State must register the well with the Commission on the form which is attached to this memorandum as Exhibit A which includes a declaration of water use in Section F which must also be completed. The term "well" means an artificial excavation or opening into the ground, or an artificial enlargement of a natural opening by which ground water is drawn or is or may be used or can be made to be usable to supply reasonable and beneficial water uses.

2. Any person owning or operating a stream diversion works in the State must register the work with the Commission on the form which is attached to this memorandum as Exhibit B which includes a declaration of water use in Section F which must also be completed. "Stream diversion works" means any artificial or natural structure placed within the stream for the purpose of diverting stream water.

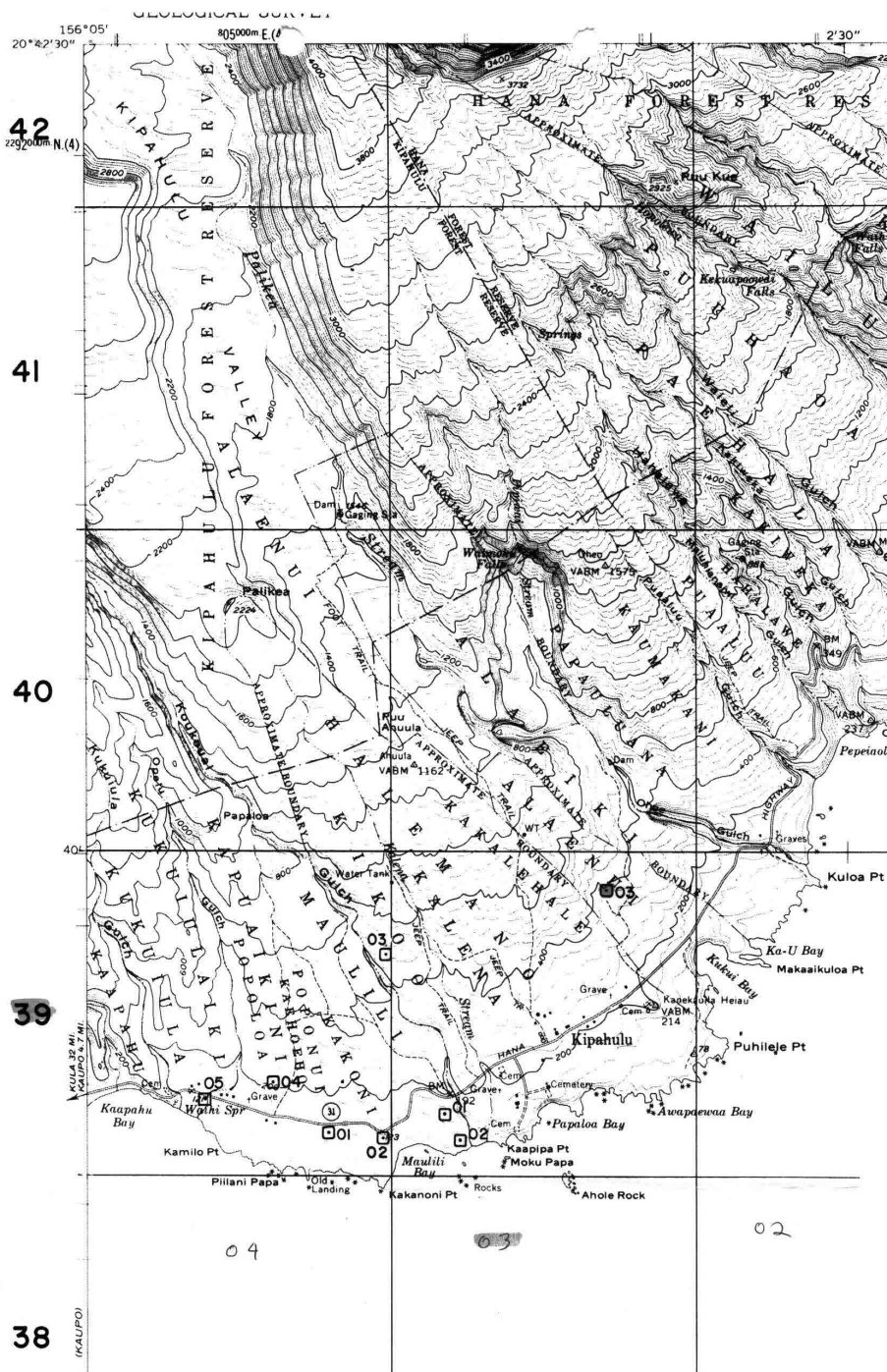
Some of our clients are preparing these forms "in-house" and others are using local engineering and hydrological consultants to complete the registrations for them. Each attorney should check with any client owning or operating a well or stream diversion works this week in order to make sure that the client is aware of the registration deadlines and is completing the registrations in a timely manner.

If you have any questions regarding these registration requirements or the forms, please contact either Gary Phillips or myself.

RES:lh
Attachments

x8915034

Maps and Miscellaneous Information



STATE OF HAWAII / DEPARTMENT OF LAND AND NATURAL RESOURCES / DIVISION OF WATER RESOURCE MANAGEMENT
GROUND WATER INDEX AND SUMMARY
FEBRUARY 5, 1991

ISLAND CODE 6: MAUI

WELL NUMBER	NAME OR LOCATION	QUAD MAP	OWNER OR USER	YEAR DRIL	DRILLER	COORDINATES LAT LONG	PHYSICAL DATA		ELEVATIONS IN FEET				INITIAL TEST		PUMP TEST RESULTS				WATER SUPPLY				WELL NUMBER		
							TYPE	CHG	TOTAL	GRND	BOIT	BOIT	BOIT	STAT	CELOS	PUMP	DRAM	SPEC	CELOS	WTR	FUND	DRAFT		CHLORIDES	MAJOR
							CONS	DIA	DEPTH	SURF	SOLID	PERF	OF	HEAD	MG/L	RATE	DOWN	CAP	MG/L	TEMP		MGD	MGD	MGD	USE, YR
							IN	FT	IN	FT	CASE	CASE	HOLE	FT		GPM	FT			C	MGD	MGD	MGD	MGD	
6-0040-01	NAPILI BAY	01	FLEMING D	1956	PACIFIC DRIG	210001 1564009	ROT 5	60	15	10			-45	869							0.07			UNU, 58	6-0040-01
6-0137-01	HOWOHOAU	01	BERRY SRM	1970		200129 1563722		140	100				-40												6-0137-01
6-3518-01	MAUI FACTORS	12	MAUI FACTORS	1970		203513 1561802	DUG	11	10				-1												6-3518-01
6-3625-01	LA PEROUSE BAY	09	ULUPALAEUA RCH	1970		203417 1562523	DUG	8																	6-3625-01
6-3726-01	KAHAKAHA	09	ERIC ROSCOWRCH	1975	CONTL DRIG CO	203719 1562626		4	31					14.1											6-3726-01
6-3806-01	PUNAHOA SPRINGS	15	KAUPO RANCH			203836 1560650																			6-3806-01
6-3808-01	KAUPO	15	HOWDEN MICHAEL	1978	OCEAN VIEW	203811 1560856	ROT 5	115	520	514			405	500.0							0.00				6-3808-01
6-3826-01	SEIBU WELL #2	09	SEIBU	1978	ROSCOW MOSES	203840 1562612	PER 12	222	200	6			-22	2.2		300			1445						6-3826-01
6-3826-02	SEIBU WELL #3	09	SEIBU	1978	ROSCOW MOSES	203841 1562612	PER 12	220	197	7			-23	2.1		400			1500						6-3826-02
6-3826-03	SEIBU WELL #4	09	SEIBU	1978	ROSCOW MOSES	203852 1562615	PER 12	228	205	7			-23	2.3	1100	400	0.6	667	1100						6-3826-03
6-3926-04	SEIBU WELL #7	09	SEIBU	1985	ROSCOW MOSES	203928 1562622	PER 12	195	173	-22			-22	1.1		250	1.0	250	879						6-3926-04
6-3903-01	KIPAHULU	17	PRYOR S		OCEAN VIEW	203911 1560350	ROT 4	170	175				5						106	19.0					6-3903-01
6-3903-02	KIPAHULU	17	PRYOR S		OCEAN VIEW	203905 1560347	ROT 4	50											90						6-3903-02
6-3903-03	KIPAHULU NATL PK	17	NATL PARK SERV	1980	NAT RES INTL	203953 1560318	ROT 8	410	390	10			-20	78.0	4	340	11.8	29	5	19.0					6-3903-03
6-3904-01	KIPAHULU	17	CONDITIA S MAY	1974	OCEAN VIEW	203908 1560412																			6-3904-01
6-3904-02	KIPAHULU	17	DAVID A GATES	1974	OCEAN VIEW	203907 1560402																			6-3904-02
6-3904-03	KIPAHULU	17	MARINA AINA	1978	ROSCOW MOSES	203940 1560403	PER 8	480	453	3			-27	-27	3.0	30	250	0.5	500	30	19.0				6-3904-03
6-3904-04	KIPAHULU-MAKAI	17	MARINA AINA	1978	ROSCOW MOSES	203917 1560423	PER 8	215	210	0			-5	0.5	160	120	2.0	60	860						6-3904-04
6-3904-05	KIPAHULU-BLAKI	17	MORM BLAKE	1989	DAVID PICO	203914 1560437	ROT 4	174	121	-32			-42	-53	40.0	25	30	15.0	2	25	22.8				6-3904-05
6-3925-01	MAKANA 68	09	STATE DONALD	1964	OCEAN VIEW	203912 1562559	ROT 8	382	352	9			-11	-30	0.8	465	150	0.7	214	600	21.4				6-3925-01
6-3926-01	MAKANA	09	GARCIA S	1972	CONTL DRIG	203932 1562639	ROT 4	32								1080	40								6-3926-01
6-3926-02	MAKANA	09	SEIBU	1977	ROSCOW MOSES	203932 1562613	PER 12	211	189	9			-21	-22	1.8	440			460						6-3926-02
6-3926-03	MAKANA #8	09	MAKANA LAND CO	1976	ROSCOW MOSES	203947 1562613	PER 12	208	178	-2			-22	-30	1.7	666	400	15.0	27						6-3926-03
6-3926-04	SEIBU WELL #5	09	SEIBU	1984	ROSCOW MOSES	203922 1562611	PER 12	230	211	11			-19	-19	2.7	500			1050		0.00				6-3926-04
6-3926-05	SEIBU WELL #6	09	SEIBU	1985	ROSCOW MOSES	203928 1562612	PER 12	224	200	-24			-24			668	400	0.8	500	819		0.00			6-3926-05
6-3926-06	SEIBU WELL #8	09	SEIBU HAWAII	1988	ROSCOW MOSES	203915 1562610	PER 12	263	244	11			-19	-19	1.0	300	1.0	300	1182		0.58				6-3926-06
6-3926-07	SEIBU WELL #9	09	SEIBU HAWAII	1988	ROSCOW MOSES	203945 1562607	PER 12	248	220	8			-28	-28	1.0	207	6.3	33	7030		0.58				6-3926-07
6-3926-08	SEIBU WELL #10	09	SEIBU HAWAII	1988	ROSCOW MOSES	203903 1562614	PER 12	290	266				-24	0.9		350	1.0	350	1485						6-3926-08
6-4013-01	KAO PAHISI TUN	12	BALEAKALA RCH			204023 1561322			4180																6-4013-01
6-4019-01	POLIPOLI TUNNEL	12	ULUPALAEUA RCH			204049 1561958	TUN		6200																6-4019-01
6-4020-01	MALEKAUKAU TUNNEL	09	ULUPALAEUA RCH			204022 1562031			5750																6-4020-01
6-4020-02	CORNWALL TUNNEL	09	ULUPALAEUA RCH			204044 1562055			4850																6-4020-02
6-4020-03	MONTON TUNNEL	09	BALEAKALA RCH			204056 1562051			4850																6-4020-03
6-4021-01	MAIKAUKE TUNNEL	09	ULUPALAEUA RCH			204054 1562104			4600																6-4021-01
6-4026-01	THK 2-1-11-3	09	CHURCHILL F	1950	MULLIN	204037 1562644		8	24					10.8					800						6-4026-01
6-4026-02	THK 2-1-11-1	09	ANDREWS J	1950	MULLIN	204042 1562644		8	32																6-4026-02
6-4026-03	MAKANA	09	BARKINS W	1951	RAMOW SMOCK	204033 1562645		8	32																6-4026-03
6-4026-04	MAKANA	09	MAKANA LAND	1972	FINCHER-LAYNE	204043 1562625	ROT 12	210	179	0			-21	-31	1.0	363	380	11.8	32	400					6-4026-04
6-4026-05	MAKANA #6	09	MAKANA LAND CO	1975	ROSCOW MOSES	204023 1562626	PER 12	190	159	8			-12	-31	2.0	600	220	11.0	20	600					6-4026-05
6-4026-06	MAKANA #7	09	MAKANA LAND CO	1975	ROSCOW MOSES	204027 1562622	PER 12	205	185	5			-15	-20	2.0	620	700	2.0	350	620					6-4026-06
6-4126-01	KIRI	09	VON TEMPESEY R	1950	MULLIN	204137 1562637	PER 10	90	85				-5	-5	7.0	590	350		700	20.0					6-4126-01
6-4126-02	MAKANA 2	09	ALEX & BALDWIN	1969	ROSCOW MOSES	204128 1562621	PER 12	198	181	3			-17	-17	2.0	490	500	0.8	625	530	19.0				6-4126-02
6-4126-03	MAKANA 3	09	ALEX & BALDWIN	1969	ROSCOW MOSES	204108 1562622	PER 12	174	152	-1			-21	-22	1.0	555	460	1.2	383	611					6-4126-03
6-4226-01	THK 2-1-10-07	09	CORRELL A	1946	MULLIN	204212 1562650		41																	6-4226-01
6-4226-02	2-1-10-05	09	TEXEIRA J	1946	MULLIN	204213 1562650		45																	6-4226-02

PAGE 52, ISLAND CODE 6: MAUI

Docket Information

Number of Documents in Docket 13

Documents Dated from 6/15/1957 to 12/1/1995

Docket Compiled: 4/11/2011