



DEPARTMENT OF LAND AND NATURAL RESOURCES

NEIL ABERCROMBIE
GOVERNOR

WILLIAM J. AILA, JR.
CHAIRPERSON

FOR IMMEDIATE RELEASE

Oct. 29, 2014

INSTREAM MEASUREMENTS CONTINUE ON MAUI Na Wai Eha Stream Monitoring Update

HONOLULU. The Hawaii Commission on Water Resource Management (“Commission”) is overseeing implementation of the Na Wai ‘Ehā Interim Instream Flow Standards (“Instream Flow”) established by the April 17, 2014 Order and Agreement among the Parties. Under the Agreement, the ‘Īao Instream Flow is 10 million gallons per day (“mgd”) (measured just below the Wailuku Water Company diversion). The Instream Flow for ‘Īao stream at or near the mouth of the ‘Īao stream (by the ocean) is 5 mgd. The Instream Flow for Waikapū Stream (measured below the South Waikapū Ditch diversion) is 2.9 mgd. The previously established Instream Flows for Waihe‘e (10 mgd), North Waiehu (1.0 mgd), and South Waiehu streams remain the same.

The Commission continues to work with Wailuku Water Company, Hawaiian Commercial & Sugar Company, and the Parties to establish stream flow monitoring gages on ‘Īao Stream at Kepaniwai Park and on Waikapū Stream at the 600 foot elevation level. Staff plates are in place at these sites. The plates allow visual monitoring of stream levels. Within two months, the Commission staff will install data loggers to provide continuous monitoring of the stream level at these locations.

A second ‘Īao monitoring site will be installed near the mouth of ‘Īao Stream, once an appropriate staging site is identified, with a staff plate, data logger, and the development of a calibrated rating curve.

In September and October, Commission staff measured stream flows on ‘Īao and Waikapū Streams (see tables below). After a number of adjustments, the Instream Flows for both ‘Īao and Waikapū Streams are now being met.

The Commission staff will continue to take measurements and monitor the condition of the streams to ensure that the terms of the April 17, 2014 Agreement are met.

MORE

Īao Stream at the Instream Flow Site (Kepaniwai Park)

Date	Time	Height (ft)	Flow (cfs)	Flow (mgd)
9/3/2014	15:10	0.86	9.07	5.86
9/4/2014	08:16	0.86	7.90	5.11
9/4/2014	13:15	0.85	8.23	5.32
9/24/2014	17:49	0.83	5.63	3.64
9/25/2014	17:00	1.61	37.68	24.35
10/6/2014	17:47	0.43	0.70	0.45
10/13/2014	16:55	0.89	8.46	5.47
10/14/2014	17:05	1.01	10.96	7.09
10/23/2014	10:10	1.35	24.91	16.10

Waikapu at the Instream Flow Site (600 foot elevation)

Date	Time	Height (ft)	Flow (cfs)	Flow (mgd)
9/3/2014	15:08	0.81	3.11	2.01
9/4/2014	10:36	0.80	3.57	2.31
9/4/2014	14:09	0.81	3.46	2.24
9/24/2014	16:41	0.88	4.39	2.84
10/6/2014	17:04	0.86	4.74	3.06
10/13/2014	18:01	0.84	3.86	2.50
10/14/2014	15:55	0.88	4.67	3.02
10/23/2014	09:02	0.91	6.16	3.98

Contact the Hawaii Water Commission for further information
(ph 808-587-0214).

###

Media Contact:

Dan Dennison
Senior Communications Manager
(808) 587-0407