EAST MAUI INTERIM II	NSTREAM FLOV	V STANDARD	OS (Stream listed from W	est to East)															
		Interim IF	S Amounts		Restoration	on Amounts <sup>1,2</sup>			Amount El	VII diverted3,4		Flow ca	Iculations bas	ed on USGS f	flow values fo	r target habitat	restoration <sup>5</sup>		
Stream Name	Wet	Season	Dry Season	Wet	Season	Dry	Season	before liF	S was set	after IIF	S was set	Natural (	(Undiverted)	Minimum	flow for H90	Divertible flo	ow remaining	Altitude	Notes on Interim IFS Location
	cfs	mgd	cfs mgd	cfs	mgd	cfs	mgd	cfs	mgd	cfs	mgd	cfs	mgd	cfs	mgd	cfs	mgd	feet	» (1) (1) (1) (1) (1) (1) (1) (1) (1) (1)
Honopou – Site A Honopou – Site B	2.00 0.72	1.29 0.47	(Annual) (Annual)	1.87	1.21	,	nnual)		nown nown	1	nown				known known		nown nown	383 40	IIFS is located on Honopou Stream downstream of Haiku Ditch. IIFS is located on Honopou Stream near 40 feet elevation.  Target habitat restoration values for Honopou Stream were not included in the USGS study (Gingerich, 2005), thus values are unknown.
Huelo (Puolua)	0.89	0.57	(Annual)	0.89	0.57	(Ai	nnual)	Unk	nown	Unk	nown		-	Uni	known	Unk	nown	420	IIFS is located on Huelo (Puolua) Stream downstream of Haiku Ditch.
Hanehoi – Site B Hanehoi – Site C	0.63 1.15	0.41 0.74	(Annual) (Annual)	0.63 1.15	0.41 0.74	1 '	nnual) nnual)	1	nown	1	nown	 			known known		nown nown	420 690	IIFS is located on Hanehoi Stream downstream of Haiku Ditch. IIFS is located upstream of Lowrie Ditch and diversion for Huelo community.  Target habitat restoration values for Hanehoi and Huelo Streams were not included in the USGS study (Gingerich, 2005), thus values are unknown.
Waikamoi	2.80	1.81	0 0	2.60	1.68	0 -	0	<del>5.10</del>	3.30	2.50	1.62	6.60	4.27	4.20	2.72	2.40	1.55	550	IIFS is located below the Manuel Luis Ditch diversion, just above Hana Highway, and below the confluence of Waikamoi and Alo Streams.
Alo		-				-		1.50	0.97	1.50	0.97							<del></del>	One measurable IIFS established for Waikamoi Stream below the confluence with Alo Stream
Wahinepee	0.50	0.32	(Annual)					Unki	nown	Unk	nown	0.90	0.58	0.58	0.38	0.32	0.21	575	IIFS is located just above Hana Highway, as designated on October 8, 1988
Puohokamoa	0.40	0.26	(Annual)		-			8.40	5.43	8.40	5.43	8.40	5.43	5.40	3.49	3.00	1.94	565	IIFS is located just above Hana Highway, as designated on October 8, 1988. Flow estimate is directly downstream of the Manuel Luis Ditch diversion.
Haipuaena	0.10	0.06	(Annual)					4.40	2.84	4.40	2.84	4.30	2.78	2.80	1.81	1.50	0.97	510	IIFS is located just above Hana Highway, as designated on October 8, 1988. Flow estimate is directly downstream of the Manuel Luis Ditch diversion.
Punalau/Kolea	0.20	0.13	(Annual)					3.90	2.52	3.90	2.52	3.90	2.52	2.50	1.62	1.40	0.91	40	IIFS is located just above Hana Highway, as designated on October 8, 1988. Flow estimate is directly downstream of the Manuel Luis Ditch diversion.
Honomanu	0	0	(Annual)	-	-			2.80	1.81	2.80	1.81	2.80	1.81	1.80	1.16	1.00	0.65	20	IIFS is located just above Hana Highway, as designated on October 8, 1988. Flow estimate is directly downstream of the Spreckels Ditch diversion.
Nuaailua	3.10	2.00	(Annual)					0.28	0.18	0.28	0.18	0.28	0.18	0.18	0.12	0.10	0.07	110	IIFS is located just above Hana Highway, as designated on October 8, 1988. Flow estimate is directly downstream of the Spreckels Ditch diversion.
Piinaau	Stat	ıs quo		_	-			Unki	nown	Unk	nown	Un	known	Uni	known	Unki	nown	110	IIFS is located just above Hana Highway. No flow data; landslide also complicates estimates.
Palauhulu	5.50	3.56	(Annual)	0.70	0.45	(Ar	inual)	3.40	Unknown 2.20	2.7	1.75	3.40	2.20	2.20	1.42	1.20	0.78	80	IIFS is located just above Hana Highway, upstream from its confluence with Piinaau Stream. Flow estimate is directly downstream of the Koolau Ditch diversion.
Ohia (Waianu)	4.60	2.97	(Annual)						-			4.70	3.04	3.00	1.94	1.70	1.10	195	Just above Hana Highway, as designated on October 8, 1988
Waiokamilo	4.9	3.17	(Annual)			(Ar	nual)	0	0	0	0	3.90	, 2.52	2.50	1.62	1.40	0.91	420	Between Koolau Ditch and its confluence with Kualani Stream
Kualani (Hamau)	Stati	is quo					<del></del>	Unki	nown	. Unki	nown	Un	known	Unk	known	Unki	nown		Tributary of Waiokamilo Stream
Wailuanui	3.05	1.97	(Annual)	2.05	1.33	(Ar	nual)	4.50	2.91	2.45	1.58	4.50	2.91	2.90	1.88	1.60	1.03	620	IIFS is located at Hana Highway below the confluence of East and West Wailuanui Streams. Flow estimate (4.50 cfs) combines the natural streamflow of West and East Wailuanui Streams directly downstream of the Koolau Ditch diversions.
Waikani Stream		ıs quo										Uni	known	Unk	known	Unki	nown		Waikani Waterfall is on Wailuanui Stream
West Wailuaiki	3.80	2.46	0.40 0.26	3.80	2.46	0.40	0.26	6.00	3.88	2.20	1.42	6.00	3.88	3.80	2.46	2.20	1.42	1,235	IIFS is located just above Hana Highway. Flow estimate is directly downstream of the Koolau Ditch diversion
East Wailuaiki	3.70	2.39	0.20 0.13	3.70	2.39	0.20	0.13	5.80	3.75	2.10	1.36	5.80	3.75	3.70	2.39	2.10	1.36	1,235	IIFS is located just above Hana Highway. Flow estimate is directly downstream of the Koolau Ditch diversion
Kopiliula	0.50	0.32	(Annual)					5.00	3.23	5.00	3.23	5.00	3.23	3.20	2.07	1.80	1.16	1,270	IIFS is located just above Hana Highway, as designated on October 8, 1988. Flow estimate is directly downstream of the Koolau Ditch diversion.
Puakaa	0.60	0.39	(Annual)					1.10	0.71	1.10	0.71	1.10	0.71	0.70	0.45	0.40	0.26	1,235	IIFS is located just above Hana Highway, as designated on October 8, 1988. Flow estimate is directly downstream of the Koolau Ditch diversion.
Waiohue	3.20	2.07	0.10 0.06	3.20	2.07	0.10	0.06	5.00	3.23	1.80	1.16	5.00	3.23	3.20	2.07	1.80	1.16	1,195	IIFS is located just above Hana Highway. Flow estimate is directly downstream of the Koolau Ditch diversion.
Paakea	1.50	0.97	(Annual)	<b></b>				0.90	0.58	0.90	0.58	0.90	0.58	0.58	0.38	0.32	0.21	1,265	IIFS is located just above Hana Highway, as designated on October 8, 1988. Flow estimate is directly downstream of the Koolau Ditch diversion.
Waiaaka	0	0	(Annual)		-		-	0.77	0.50	0.77	0.50	0.77	0.45	0.49	0.32	0.28	0.18	1,235	IIFS is located at Hana Highway, as designated on October 8, 1988.
Kapaula	0.20	0.13	(Annual)		<u> </u>		<u> </u>	2.80	1.81	2.80	1.81	2.80	1.81	1.80	1.16	1.00	0.65	1,194	IIFS is located just above Hana Highway, as designated on October 8, 1988.
Hanawi	0.10	0.06	(Annual)	0.10	0.06		nual)	4.60	2.97	4.50	2.91	4.60	2.97	2.90	1.88	1.70	1.10	1,315	Below EMI's main Hanawi diversion (Intake K-3)
<u>Makapipi</u>	0.93	0.60	(Annual)	0.93	0.60	<del>- '</del>	nual)	1.30	0.84	0.37	0.24	1.30	0.84	0.83	0.54	0.47	0.30	935	Just above Hana Highway
Total	-			18.21	11.77	5.61	3.63	70.73	45.72	52.52	33.94	76.95	47.34	49.26	31.88	27.69	17.92		

## **EXPLANATION FOR EAST MAUI INTERIM IFS**

- Restoration amounts and amount EMI diverted for each stream are based on BFQ50 statistics from USGS studies, where unavailable Q70 was used. It is assumed that Q70 and BFQ50 represent median base flow conditions in the stream.
- Total restoration amounts do not consider amounts pertaining to Honopou and Hanehoi and its tributary Huelo (Puolua) streams as data is limited for these streams.
- The total amount EMI diverted reflects conditions when streamflow is maintained mostly by groundwater contributions. During normal conditions, the total amount EMI diverted should be calculated from total median flow or TFQ50 statistics to include contributions of rainfall. The total amount EMI diverted is not the total amount diverted by the entire EMI system as the streams displayed in the table is only a subset of the streams that EMI diverted is not the total amount diverted by the entire EMI system as the streams displayed in the table is only a subset of the streams that EMI diverted is not the total amount diverted by the entire EMI system as the streams that EMI diverted is not the total amount diverted by the entire EMI system as the streams that EMI diverted is not the total amount diverted by the entire EMI system as the streams that EMI diverted is not the total amount diverted by the entire EMI system as the streams that EMI diverted is not the total amount diverted by the entire EMI system as the streams that EMI diverted is not the total amount diverted by the entire EMI system as the streams that EMI diverted is not the total amount diverted by the entire EMI system as the streams that EMI diverted is not the total amount diverted by the entire EMI system as the streams that EMI diverted is not the total amount diverted by the entire EMI system as the streams that EMI diverted is not the total amount diverted by the entire EMI system as the streams that EMI diverted is not the total amount diverted by the entire EMI system as the streams that EMI diverted is not the total amount diverted by the entire EMI system as the streams that EMI diverted is not the total amount EMI diverted is not the total amount
- Flow calculations are based on the Summary of median base flow and potential habitat at median base flow in diverted stream reaches, northeast Maui, Hawaii, provided by USGS and usually represent flow conditions directly downstream of diversions (i.e., values may differ from selected IIFS locations).

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