

The Use of Hawaiian Stream Habitat Evaluation Procedure to Provide Biological Resource Assessment in Support of Instream Flow Standards for East Maui Streams.

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Table 13. Ranked diversions sites by amount of habitat returned. Type is FD = Flow diversion or return of water for habitat and barrier = improve fish passage due to entrainment issues or lack of migratory pathway.

Stream Name	Location	Watershed ID	Type	Habitat Units Lost	Rank	% Habitat Units Lost	Cumulative % Lost Habitat Units
Honomānū	Downstream D3	640095	FD	8,359	1	12.4%	12.4%
Puohokamoa	Between D2 – D3	640063	barrier	3,862	2	5.7%	18.1%
Hanawī	Upstream D1	640221	barrier	3,456	3	5.1%	23.3%
Honomānū	Between D2 – D3	640093	barrier	3,233	4	4.8%	28.1%
Kopili'ula	Upstream D1	640171	barrier	3,203	5	4.8%	32.8%
E. Wailua Iki	Upstream D1	640161	barrier	2,535	6	3.8%	36.6%
Waikamoi	Between D2 – D3	640043	barrier	2,442	7	3.6%	40.2%
W. Wailua Iki	Upstream D1	640151	barrier	2,364	8	3.5%	43.7%
Puohokamoa	Between D2 – D3	640063	FD	2,151	9	3.2%	46.9%
Haipua'ena	Between D2 – D3	640073	barrier	2,009	10	3.0%	49.9%
Kopili'ula	Downstream D1	640175	FD	1,934	11	2.9%	52.8%
Makapipi	Downstream D1	640235	FD	1,921	12	2.9%	55.6%
Puohokamoa	Downstream D4	640065	FD	1,905	13	2.8%	58.4%
Makapipi	Upstream D1	640231	barrier	1,880	14	2.8%	61.2%
E. Wailua Iki	Downstream D1	640165	FD	1,841	15	2.7%	64.0%
W. Wailua Iki	Downstream D1	640155	FD	1,656	16	2.5%	66.4%
Waiohue	Upstream D1	640181	barrier	1,499	17	2.2%	68.7%
Honomānū	Upstream D1	640091	barrier	1,489	18	2.2%	70.9%
Kapā'ula Gulch	Upstream D1	640211	barrier	1,467	19	2.2%	73.0%
Punalau	Between D3 – D4	640084	barrier	1,460	20	2.2%	75.2%
Waikamoi	Between D3 – D4	640044	barrier	1,299	21	1.9%	77.1%
Waikamoi	Between D2 – D3	640043	FD	1,219	22	1.8%	78.9%
Waiohue	Downstream D1	640185	FD	1,219	23	1.8%	80.8%
Punalau	Downstream D4	640085	FD	1,169	24	1.7%	82.5%
Haipua'ena	Between D2 – D3	640073	FD	1,084	25	1.6%	84.1%
Puohokamoa	Between D3 – D4	640064	FD	1,020	26	1.5%	85.6%
Waikamoi	Downstream D4	640045	FD	962	27	1.4%	87.0%
Kālea	Upstream D4	640034	barrier	953	28	1.4%	88.5%
Waikamoi	Between D3 – D4	640044	FD	930	29	1.4%	89.8%
Punalau	Upstream D3	640083	barrier	897	30	1.3%	91.2%
Paakea Gulch	Upstream D1	640191	barrier	825	31	1.2%	92.4%
Puohokamoa	Between D3 – D4	640064	barrier	804	32	1.2%	93.6%
Haipua'ena	Between D3 – D4	640074	barrier	757	33	1.1%	94.7%
Haipua'ena	Between D3 – D4	640074	FD	732	34	1.1%	95.8%

EXHIBIT E-67

Civil No. 19-1-0019-01 (JPC)

Defendant A&B/EMI's Exhibit AB-159

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