



STATE OF HAWAII
DEPARTMENT OF LAND AND NATURAL RESOURCES
COMMISSION ON WATER RESOURCE MANAGEMENT
 Stream Protection and Management Branch

FIELD INVESTIGATION REPORT
FI2010062302 (East Maui)

Date of Field Investigation:	June 23, 2010	Time (24-hour):	1130 - 1630
CWRM Staff:	Ken Kawahara, Dean Uyeno, and Chui Ling Cheng		
Individuals Present:	DAR Staff – Robert Nishimoto, Glenn Higashi USGS Staff - Clarence (Buzz) Edwards, Richard Castro EMI Staff – Garret Hew, Mark Vaught, Henry Robello		
Hydrologic Unit:	Multiple		
Stream Name:	West Wailuaiki, East Wailuaiki, and Waikamoi Streams		
Findings:	<p>The purpose of this field investigation was to show DAR staff the diversions that need to be modified according to the May Commission decision on implementing interim IFS for 6 east Maui streams: Waikamoi, West Waikuaiki, East Waikuaiki, Waiohue, Hanawi, and Makapipi streams. For this field investigation, staff visited the following sites:</p> <ol style="list-style-type: none"> 1. Koolau Ditch intake on West Wailuaiki Stream 2. Koolau Ditch intake on East Wailuaiki Stream 3. Center Ditch intake on Waikamoi Stream <p>After seeing some of the diversions, DAR proposed a few solutions for meeting seasonal flow requirements. In the wet season, EMI will likely open sluice gates to meet the interim IFS. In the dry season, EMI could install pipes that would convey water from an upstream location and drop water onto the dam wall to create a wetted pathway allowing for the upstream migration of native fauna. DAR would field test this method to confirm its feasibility.</p> <p>Staff concluded the field investigation at 1630 hours.</p>		
Image Listing:	(Attach PDF of image contact sheet)		
File Name:	Brief Description:		
GPS Listing:			
Shapefiles:	(List file names of all shapefiles created and a brief description of each)		
File Name:	Brief Description:		
Waypoints:	(List all waypoints in decimal degrees and provide a brief description of each)		
WP No.	Latitude	Longitude	Brief Description:
Attachments:	Brief Description:		
Recommendations:			