



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

FIELD INVESTIGATION REPORT
 FI2008102903 (East Maui, Honopou IIFS Site A)

Date of Field Investigation: October 29, 2008		Time (24-hour): 1730 – 1750	
CWRM Staff: Ed Sakoda, Dean Uyeno, and Chui Ling Cheng			
Individuals Present:			
Hydrologic Unit: Honopou (6034)			
Stream Name: Honopou Stream			
Findings:			
<p>On October 27, 2008, CWRM staff documented the flow release at Lowrie Ditch sluice gate on Honopou Stream. Refer to Field Investigation Report FI2008102704 (East Maui, Honopou Lowrie Ditch, restore) for more information. Since flow was restored, the following flow measurements represent post-release flow conditions.</p> <p>At approximately 1730 hours, CWRM staff arrived at the Haiku Ditch diversion on Honopou Stream. CWRM staff took a volumetric measurement of the water flowing through the three 4-inch (O.D.) PVC pipes that bypass the ditch. With a stopwatch, staff recorded the number of seconds each of the pipes took to fill a 2 gallon bucket. This process was repeated 5 times, making a total of 5 measurements per pipe. As computed back in the Honolulu Office, the flow from the pipes was 0.132 cubic feet per second (0.085 million gallons per day).</p> <p>CWRM staff concluded the field investigation at 1750 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:	
East_Maui_POI.shp		Points of interest (POI) recorded with the GPS unit during the field visit. The file includes POI recorded from all the East Maui field investigations.	
Waypoints: (List all waypoints in decimal degrees and provide a brief description of each)			
WP No.	Latitude	Longitude	Brief Description:
Attachments:			
Brief Description:			
Recommendations:			