



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

FIELD INVESTIGATION REPORT
FI2009021104 (East Maui, Honopou IIFS Site A)

Date of Field Investigation: February 11, 2009		Time (24-hour): 1215 - 1330	
CWRM Staff: Ed Sakoda, Dean Uyeno, and Chui Ling Cheng			
Individuals Present:			
Hydrologic Unit: Honopou (6034)			
Stream Name: Honopou Stream			
Findings:			
<p>At approximately 1215 hours, CWRM staff arrived at IIFS Site A on Honopou Stream. Staff prepared the site for flow measurement. The downstream gage pool was free of debris. The entire flow measurement was completed in 40 minutes. Gage height readings were taken at the downstream gage pool at the start and finish of flow measurement. In addition to flow measurement, staff also recorded water temperature and weather conditions. The water temperature was 20.5 degree Celsius and weather was overcast with no rain. As computed back in the Honolulu Office, the flow at IIFS Site A was 1.223 cubic feet per second (0.791 million gallons per day), with no change in gage height.</p> <p>Staff crew left Honopou IIFS Site A at approximately 1330 hours, and continued to Palauhulu Stream. Refer to Field Investigation Report FI2009021105 (East Maui, Palauhulu IIFS Site B) for more information.</p>			
Image Listing: (Attach PDF of image contact sheet)			
File Name:	Brief Description:		
20090211048	CWRM staff conducting flow measurement at IIFS Site A on Honopou Stream.		
20090211049	CWRM staff conducting flow measurement at IIFS Site A on Honopou Stream.		
20090211050	CWRM staff conducting flow measurement at IIFS Site A on Honopou Stream.		
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:
6	20.916212	-156.245203	Bridge on Honopou Stream
7	20.916187	-156.245174	IIFS Site A Reference Point on Honopou Stream
8	20.916096	-156.245077	IIFS Site A Flow Measurement on Honopou Stream
Attachments:			
Brief Description:			
1. Image Contact Sheet			
2. Discharge Measurement and Gage Inspection Notes			
Recommendations:			

IMAGE CONTACT SHEET



20090211048.jpg



20090211049.jpg



20090211050.jpg

