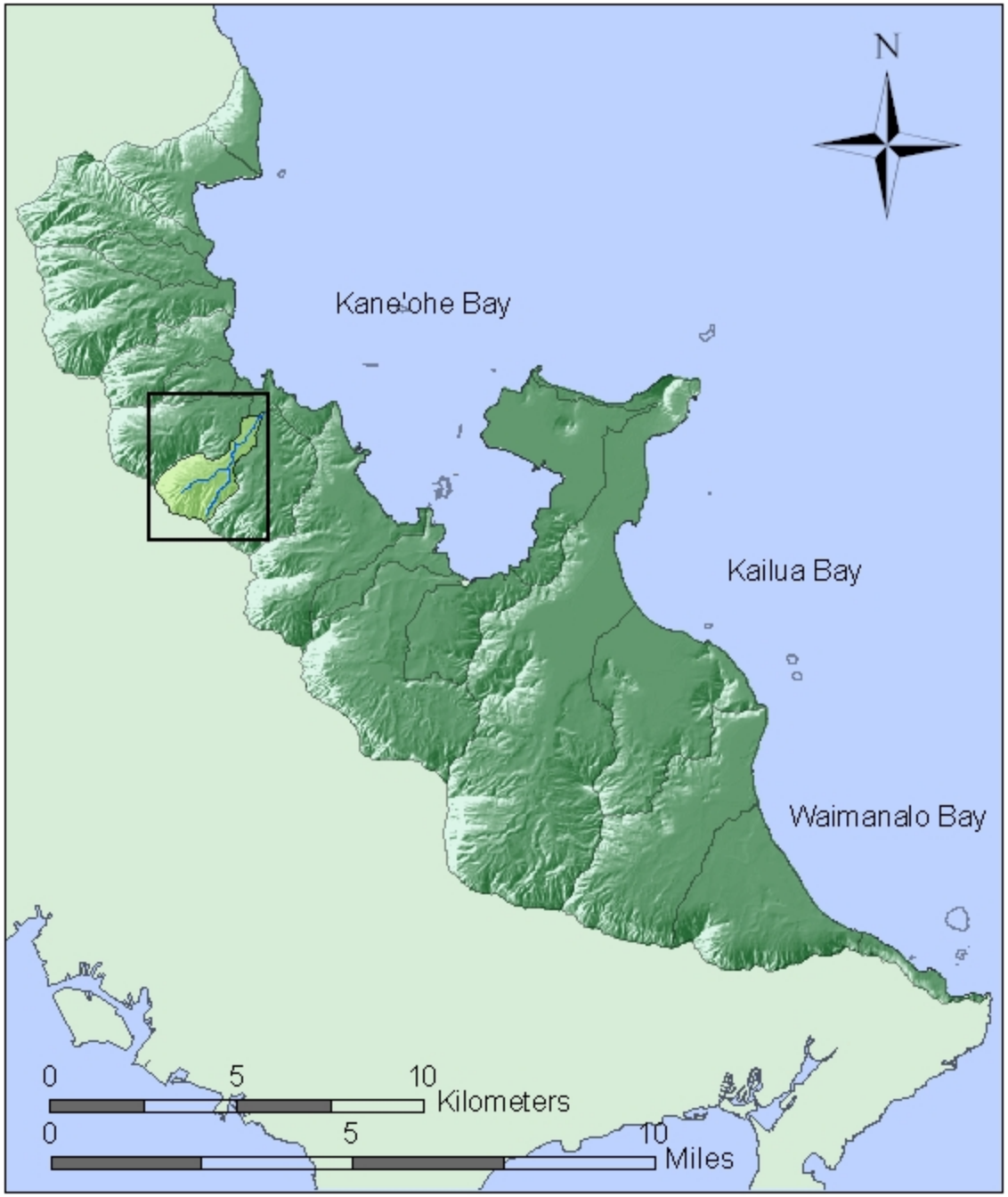
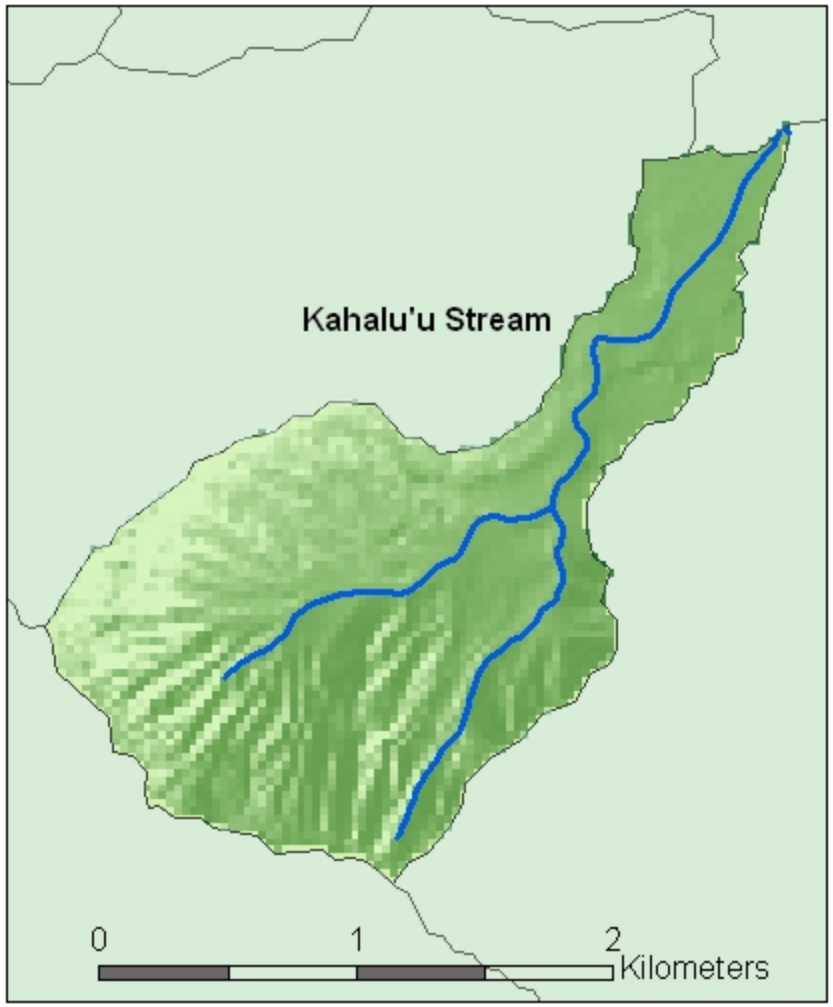
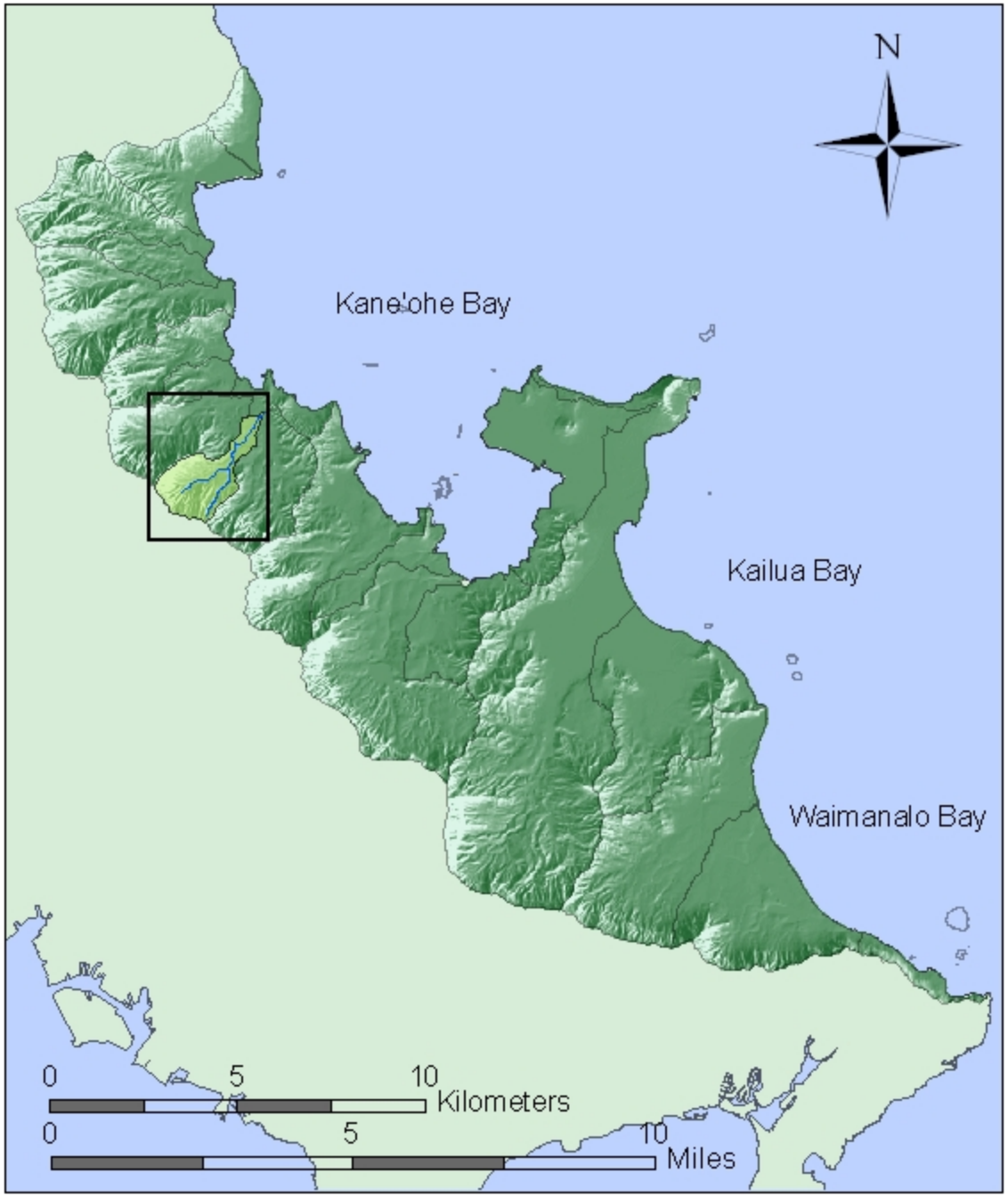
Ko'olaupoko Moku: Kahalu'u Watershed

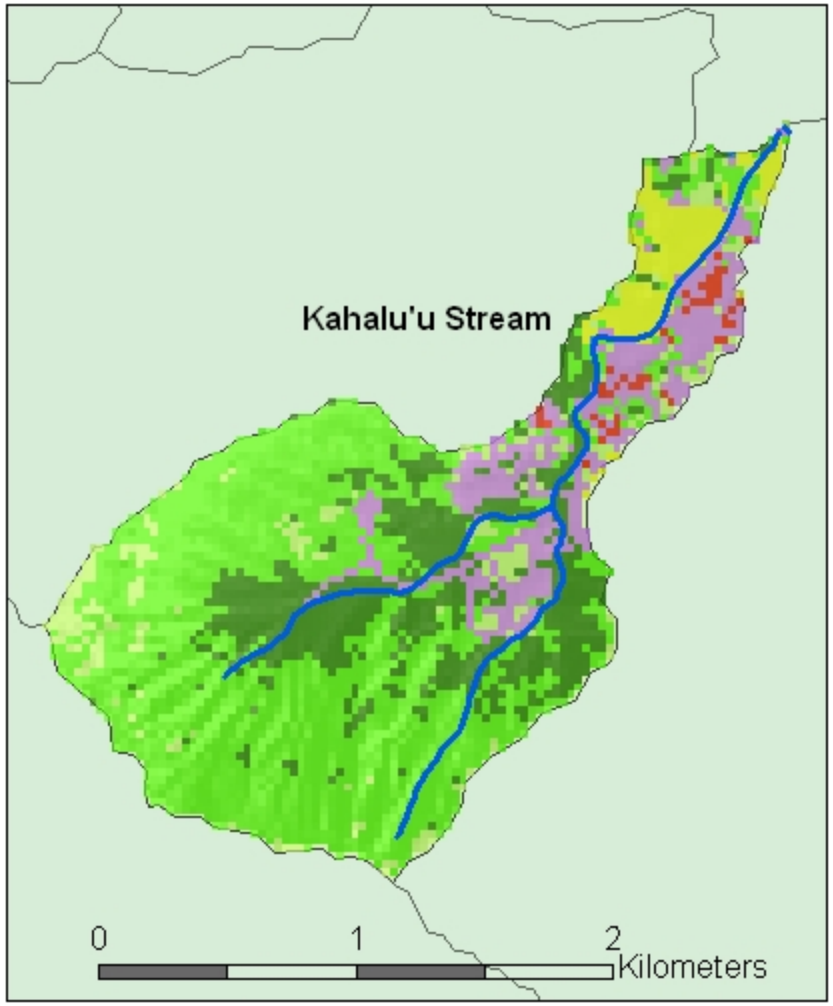




Map Created by:
KBAC
Christina Speed
August 2006

Ko'olaupoko Moku: Kahalu'u Watershed



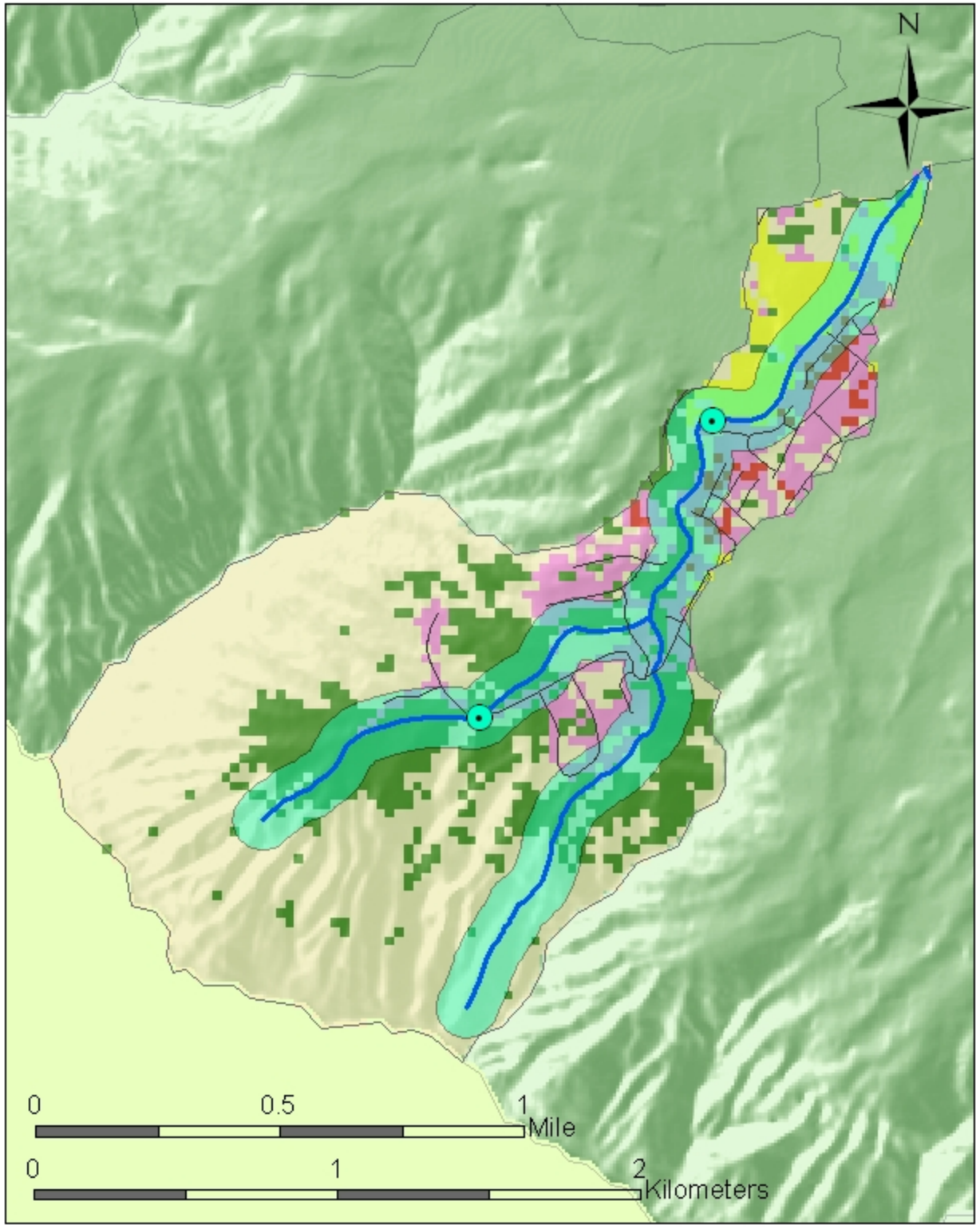


Legend

- Streams
- High Intensity Development
- Low Intensity Development
- Cultivated Land
- Grassland
- Evergreen Forest
- Scrub/Shrub
- Bare Land
- Water

Data Source: C-CAP

Map Created by:
KBAC
Christina Speed
May 2007



Kahalu'u Watershed: Land Use

Data Source: C-CAP

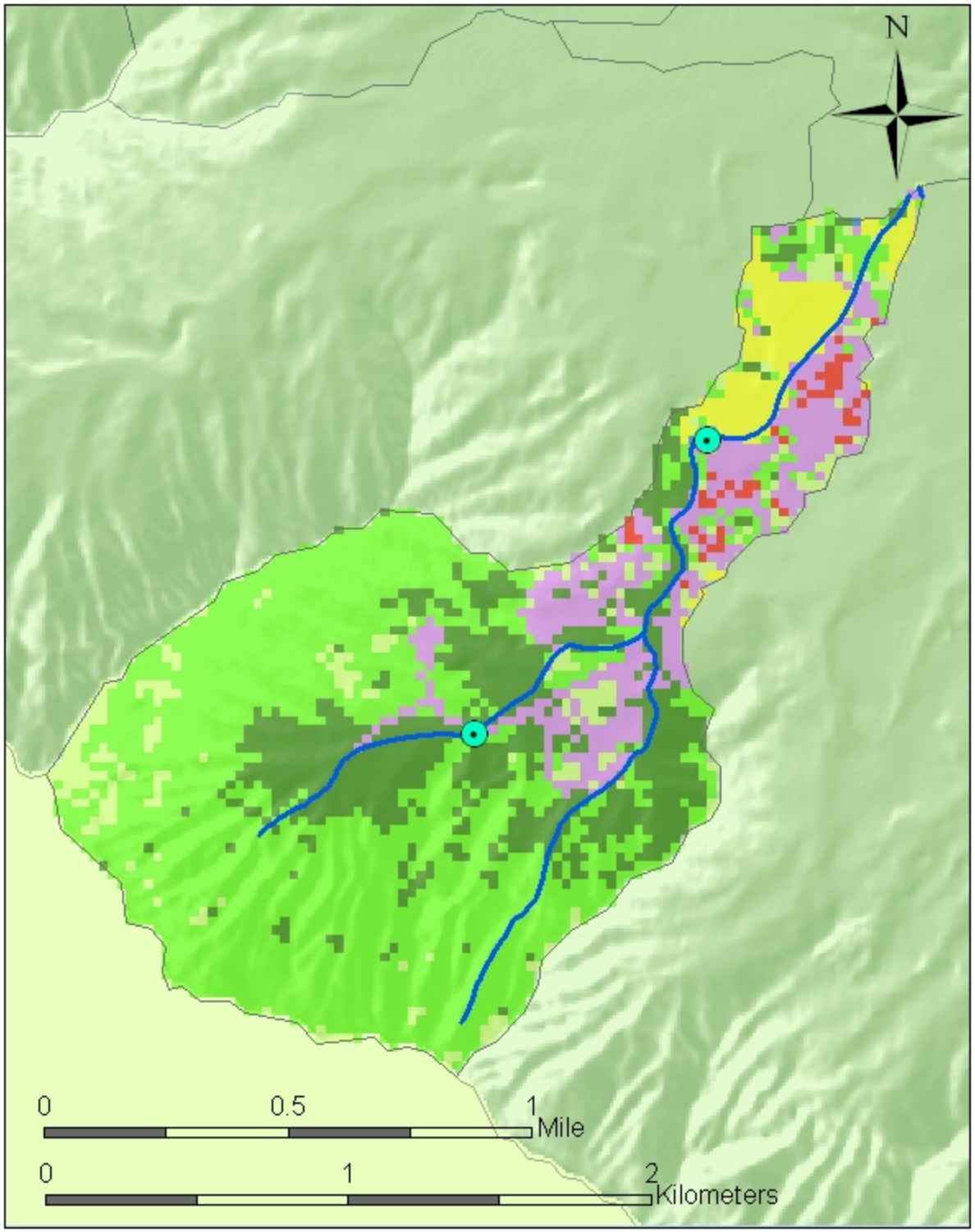
Within 100 meters of Kahalu'u Streams

Land Use	Total Area of Land Use (HA)	Area (HA) within 100 meters	% within 100 meters
High Intensity Development	4.41	1.71	38.78%
Low Intensity Development	39.78	19.89	50.00%
Agricultural Lands	17.1	10.26	60.00%
Wetlands	N/A	N/A	N/A
Forested Lands	70.02	32.67	46.66%
Other	206.73	34.47	16.67%

Legend

- Water Quality Monitoring Stations (DOH)
- Kahalu'u Stream
- Streets
- 100 m Buffer
- High Intensity Development
- Low Intensity Development
- Cultivated Land
- Forest
- Other

Map Created by:
KBAC
Christina Speed
September 2006



Kahalu'u Watershed: Land Use/Land Cover

Data Source: C-CAP

Total Area of Watershed:
338 hectares
836 acres

Legend

- Water Quality Monitoring Stations (DOH)
- Kahalu'u Stream
- High Intensity Development
- Low Intensity Development
- Cultivated Land
- Grassland
- Evergreen Forest
- Scrub/Shrub
- Bare Land
- Water

Map Created by:
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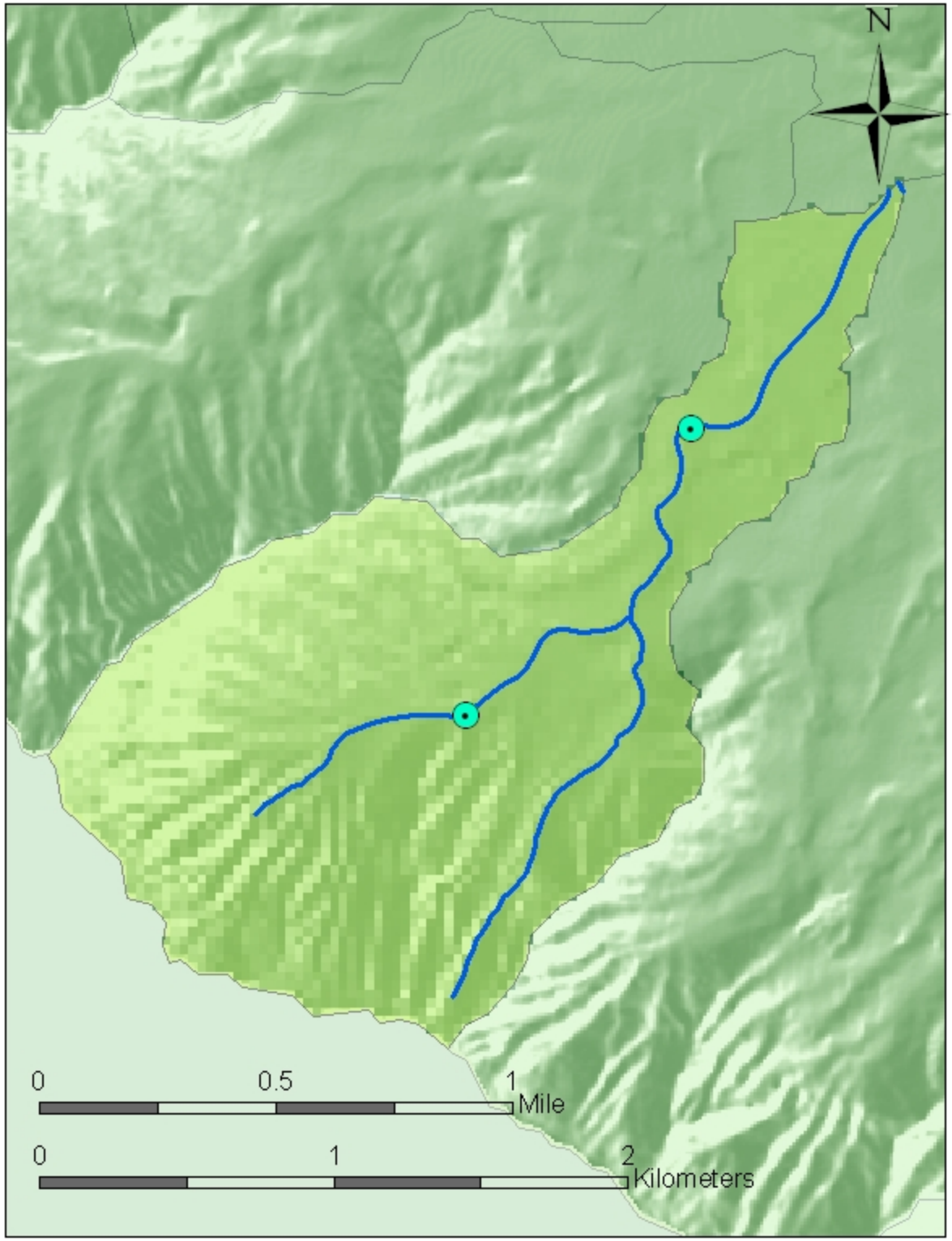
Kahalu'u Watershed: Stream Description



303d Status:
Kahalu'u Stream:
Medium Priority
Pollutant: Turbidity

Total Length:
3.6 miles
5,809 m

Legend

- Water Quality Monitoring Stations (DOH)
- Kahalu'u Stream

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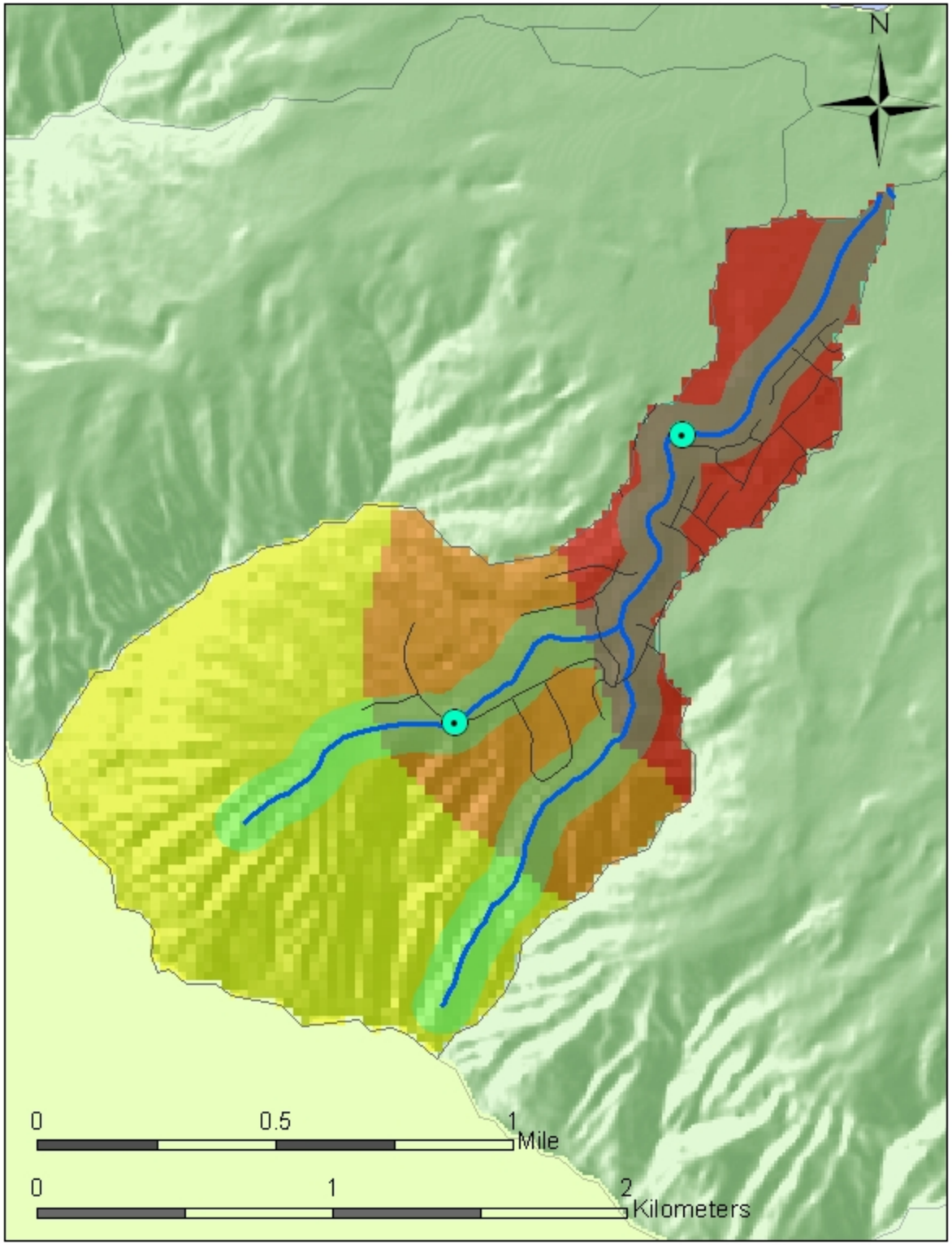

Kahalu'u Watershed: Streets

Average Street Density in Watershed:
26 meters / hectare

Total Length:
8,908 meters of road

Total Length Within a Specified Distance:
100m: 5,259 m
50m: 2,607 m
20m: 900 m

Legend

- Water Quality Monitoring Stations (DOH)
- Kahalu'u Stream
- Streets
- Distance 100 m

Street Density

- Low
- Medium
- High

Map Created by:
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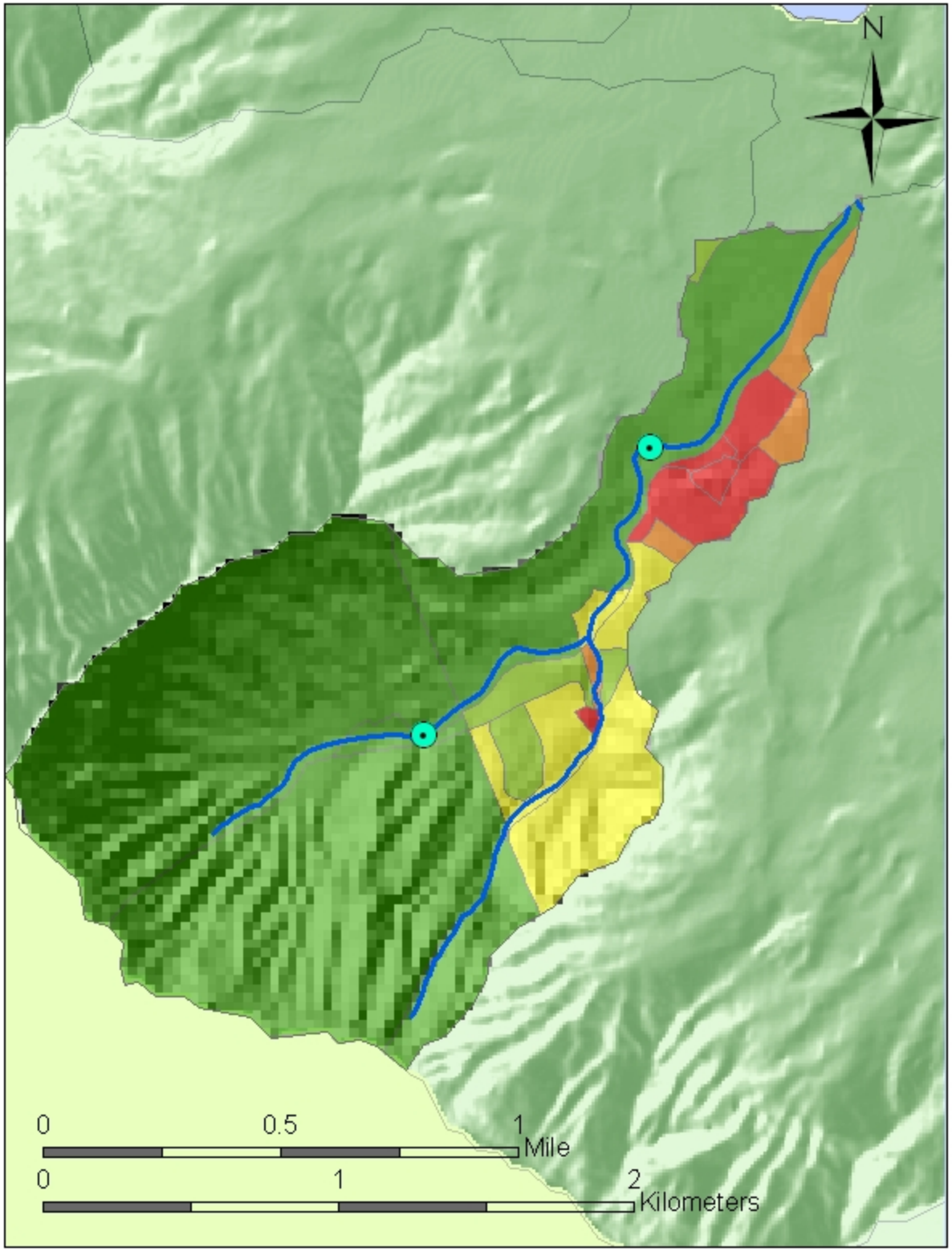

Kahalu'u Watershed: Population Density

Total Population: 3,590 people
U.S. Census 2000

Legend

- Water Quality Monitoring Stations (DOH)
- Kahalu'u Stream

Density:

people/hectare

- 0-3
- 4-11
- 12-18
- 19-28
- 29-55

Map Created by:
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Christina Speed
September 2006