

6056 Wailuanui

MEASUREMENTS: SITE A

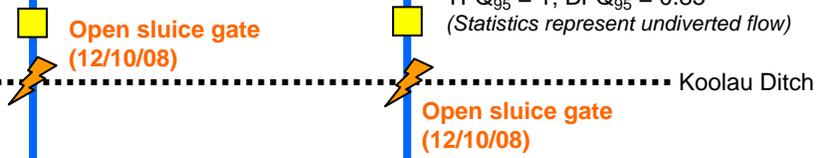
Date	Q (cfs)
10/29/08	2.293
12/08/08	2.803
12/09/08	2.392
12/10/08	2.076
07/21/09	5.910
Interim IFS	3.050

Upstream of Koolau Ditch, average annual ground water gain is 2.6-3.5 cfs (1.65-2.24 mgd).

16520000
 TFQ₅₀ = 3.2; BFQ₅₀ = 2;
 TFQ₉₅ = 0.9; BFQ₉₅ = 0.8
 (Statistics represent undiverted flow)

16519000
 TFQ₅₀ = 4.4; BFQ₅₀ = 2.4;
 TFQ₉₅ = 1; BFQ₉₅ = 0.85
 (Statistics represent undiverted flow)

Between station 16521000 and Koolau Ditch, average annual ground water gain is 1.2 cfs (0.79 mgd).



LEGEND

- CWRM Action
- Spring
- Waterfall
- USGS gaging station
- Inactive
- Low Flow
- Stream Section**
- Losing
- Dry

E. Wailuanui Stream

W. Wailuanui Stream

16521000
 TFQ₅₀ = 10; **BFQ₅₀ = 6.1**; TFQ₉₅ = 2.5; BFQ₉₅ = 2
 (Statistics represent undiverted flow)
 TFQ₅₀ = 1.6; **BFQ₅₀ = 1**; TFQ₉₅ = 0.39; BFQ₉₅ = 0.32
 (Statistics represent diverted flow)

Staff Gage (7/21/09) **A**

Interim IFS is 3.05 cfs (1.97 mgd)

Waikani Falls

WL
 TFQ₅₀ = 11; BFQ₅₀ = 6.7; TFQ₉₅ = 2.7; BFQ₉₅ = 2.4
 (Statistics represent undiverted flow)
 TFQ₅₀ = 1.7; BFQ₅₀ = 1.1; TFQ₉₅ = 0.81; BFQ₉₅ = 0.56
 (Statistics represent diverted flow)



DIAGRAM NOT TO SCALE