## INSTREAM FLOW STANDARD (IFS) PROCESS (174C-5,71(2) & 13-169-21(1))

**PURPOSE** 174C 13-169 5,71(4) 1

To provide for the establishment of a statewide program to protect, enhance, and reestablish, where practical, beneficial instream uses of water, including the development for instream flows.

13-169 174C

(1) MAINTENANCE OF FISH & WILDLIFE HABITAT;

(4) AESTHETIC VALUES SUCH AS WATERFALLS AND

WETLANDS, AND STREAM VEGETATION

SCENIC WATERWAYS;

(2) OUTDOOR RECREATIONAL ACTIVITIES; (3) MAINTENANCE OF ECOSYSTEMS SUCH AS ESTUARIES,

## **INSTREAM USES:**

- INSTREAM HYDROPOWER GENERATION;
- MAINTENANCE OF WATER QUALITY;
  THE CONVEYANCE OF IRRIGATION AND DOMESTIC WATER SUPPLIES TO DOWNSTREAM POINTS OF
- DIVERSION; AND THE PROTECTION OF TRADITIONAL AND CUSTOMARY HAWAIIAN RIGHTS

## **NON-INSTREAM USES:**

- **DOMESTIC**
- AGRICUI TURAI
- INDUSTRIAL
- **OUTSIDE OF STREAM CHANNEL**

(5) NAVIGATION; Interim IFS **IFS** PENDING ESTABLISHMENT OF AN LIMITS NO TIME LIMITS INITIAL ADOPTION IFS MODIFICATION OR INITIAL AMFND/ MODIFICATION AMENID? 174C 13-169 174C 13-169 174C 13-169 71(1)(A) 30 **CWRM CWRM** Silent 36 71(2)(A) 40(a) 71(1)(A) 30 INTERESTED PERSON **PETITION** PETITION **SCHEDULE ACTUAL** 174C 13-169 13-169 Silent 36 71(2)(C) 40(b) \*Silent 42 44 to 49.1 INFO REQUIRED INDWARD OAHU 07/31/87 05/04/92 BEST INFORMATION Silent Silent \*ACT 45, SLH 1987 SECTION 4
DEFINES THE SCHEDULE WHICH DID NOT MAKE IT INTO THE CODE AVAILABLE NOTICE OF 71(1)(D&E) 31 INTENT (VICINITY OF STREAM) SHALL CONSULT 71(1)(E) 32 MAY CONSULT Silent Silent DOH DAR **MAYOR USFWS** UΗ INTERESTED DAR DOH UH MAYOR **USFWS** 174C 13-169 20,22,23,24,33 5, 31(C)(5)(2), 71(4) **EVALUATION** INVESTIGATION / EVALUATION 174C BASELINE RESEARCH 71(1)(C&E) 33(e) WEIGH PRESENT & POTENTIAL (QUANTITAVELY OR QUA PROTECT VS NON-INSTREAM (ECONOMIC IMPACT) 71(2)(D) 40(c) WEIGH PRESENT & POTENTIAL (QUANTITATIVELY OR QUALITATIVELY PROTECT VS NON-INSTREAM (ÉCONOMIC IMPACT) **PROGRAM** 32(b) MAY REQUIRE WUR Silent Silent 20(1) NATURAL CONDITION OF STREAM RETAINED SUBSTANTIALLY? IFS EXPRESSION (MEASURABLE ATTRIBUTE) TO PRESERVE, ENHANCE, RESTORE INSTREAM USE Silent 33(d) DATA & MONITOR 71(4) 20(3) ■ GROUNDWATER AFFECTED? (SW/GW INTERRELATIONSHIP) 71(2)(D) 20(4) EXISTING NON-INSTREAM USES CONSIDERED? NATURAL CONDITION OF STREAM RETAINED SUBSTANTIALLY? Silent 20(1) Silent 20(5) ■ SHALL CONSIDER ALTERNATIVES TO PROPOSAL - ANY? GROUNDWATER AFFECTED? (SW/GW INTERRELATIONSHIP) 71(4) 20(3) 71(2)(A) 20(6) PUBLIC INTEREST HSA? 71(1)(C&E) 20(4) EXISTING NON-INSTREAM USES CONSIDERED? 71(1)(E) 20(5) SHALL CONSIDER ALTERNATIVES TO PROPOSAL - ANY? 71(1)(B&C) 20(6) & 30(a) PUBLIC INTEREST FACT GATHERING P. H. SARY 71(1)(F) NOTICE 13-169 180 DAYS EXTENSION PHRIC 71(1)(F) 34 MAXIMUM **HEARING** 174C 71(2)(E) 41 71(1)(F) 35 PUBLIC **CWRM** Silent 33d DEFINES THE STREAMS MEASURABLE ATTRIBUTE ACTION ATHRIBUTE

DESCRIBES FLOW TO:

(A) PROTECT INSTREAM USES

(B) ECONOMIC IMPACT OF

RESTRICTING EXISTING &

POTENTIAL WATER DEVELOPMENTS

(NON-INSTREAM)? 71(1)(C) 33d CWRM **ACTION** NOTICE STANDARD Silent 35 (STATEWIDE) 174C 13-169 **TERMINATES** 03/01/2007 71(2)(B) 43 WHEN IFS SET **UPDATE** 31(i) SUBJECT TO CHANGE

HWP WRPP