

National Aquaculture Program

Monthly Report for October 2011

Infectious Salmon Anemia (ISA Program)

Date	Number of Samples	Confirmed Positive Cages	Cumulative Program Samples
November 2010	37	0	15209
December 2010	52	0	15261
January 2011	54	0	15315
February 2011	48	0	15363
March 2011	45	0	15408
April 2011	46	0	15454
May 2011	46	0	15500
June 2011	44	0	15544
July 2011	63	0	15607
August 2011	49	0	15656
September 2011	48	0	15704
October 2011	31	0	15735

There were 5 surveillance inspections conducted at 5 different sites for a total of 31 fish sampled this month. All sites were scheduled for monthly sampling, though weather prevented some. The water temperatures continued to decrease in response to the cooler air temperatures. There were no cages confirmed this month. There were 10 Category 1 sites in the water as of the end of the month.

ISA Program Category	Category Description
Category 1 (presumed negative)	ISAV has not been detected at a cage or site participating in active ISAV monthly surveillance testing; considered negative for ISA.
Category 2 (suspect)	ISAV has been detected by at least one diagnostic test in at least one fish; considered suspect needing further evaluation and testing within 7 days.
Category 3 (infected)	A pathogenic genotype of ISAV has been detected by at least two diagnostic tests in at least two fish from the same cage. For subsequent cages on an infected site, a cage may be deemed Category 3 based on two fish found positive by one test (PCR, IFAT, gross pathology) accompanied by a positive virus isolation from individual samples or single cage pools.
Category 4 (diseased)	As for Category 3 above, plus clinical disease is present (as diagnosed by a veterinarian).
Category 5 (diseased)	As for Category 4 above, plus mortality consistent with ISA is present at the average rate of 0.05% per cage population per day over one week.
Category 6	Cage or site previously classified as Category 2 through 5 has been harvested or fallowed.