



# National Aquaculture Program

## Monthly Report for January 2012

### Infectious Salmon Anemia (ISA Program)

| Date           | Number of Samples | Confirmed Positive Cages | Cumulative Program Samples |
|----------------|-------------------|--------------------------|----------------------------|
| 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                      |
| November 2011  | 66                | 0                        | 15801                      |
| December 2011  | 36                | 0                        | 15837                      |
| January 2012   | 52                | 0                        | 15889                      |

There were 6 surveillance inspections conducted at 6 different sites for a total of 52 fish sampled this month. All sites were scheduled for monthly sampling; some were not sampled due to weather. The water temperatures continued to decrease in response to the colder air temperatures. There were no cages confirmed this month. There were 9 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.  |