

National Aquaculture Program

Monthly Report for March 2013

Infectious Salmon Anemia (ISA Program)

| Date | Number of Samples | Confirmed Positive Cages | Cumulative Program Samples |
|----------------|-------------------|--------------------------|----------------------------|
| April 2012 | 39 | 0 | 16014 |
| May 2012 | 58 | 0 | 16072 |
| June 2012 | 47 | 0 | 16119 |
| July 2012 | 63 | 0 | 16182 |
| August 2012 | 27 | 0 | 16209 |
| September 2012 | 33 | 0 | 16242 |
| October 2012 | 34 | 0 | 16276 |
| November 2012 | 62 | 0 | 16338 |
| December 2012 | 16 | 0 | 16354 |
| January 2013 | 54 | 0 | 16408 |
| February 2013 | 68 | 0 | 16476 |
| March 2013 | 56 | 0 | 16532 |

There were 6 surveillance inspections conducted at 6 different sites for a total of 56 fish sampled this month. All sites were scheduled for monthly sampling. Weather prevented some visits from occurring. Routine harvest of market-size fish continued. The water temperatures continued to decrease in response to the colder air temperatures. There were no cages confirmed this month. There were 8 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. |