

Summary of Emamectin Benzoate Monitoring in the New Regulatory Framework

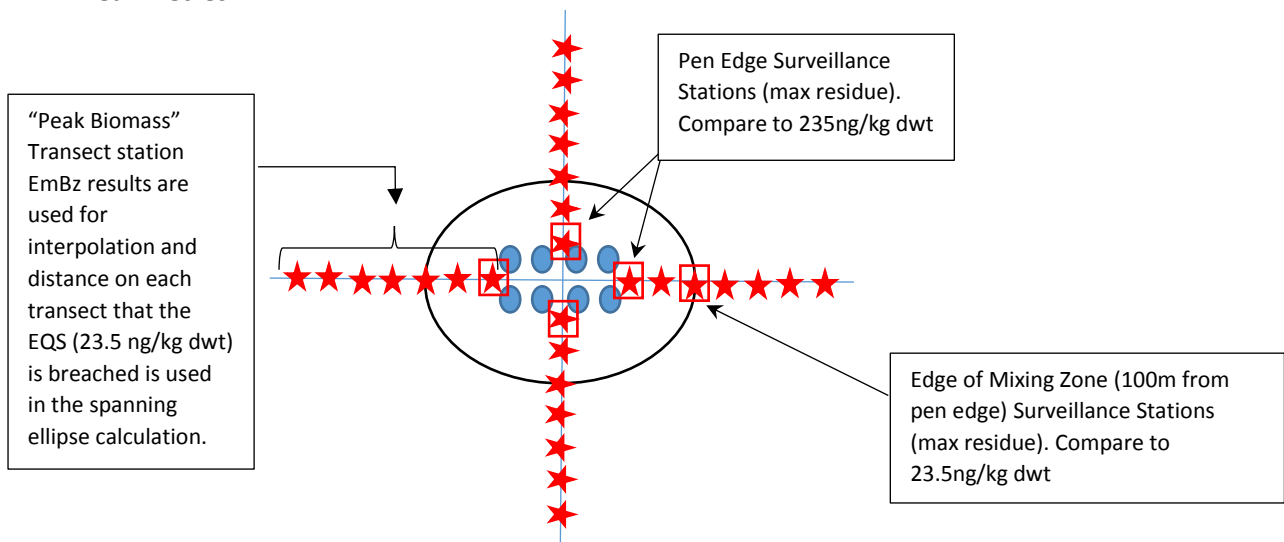
The peak sediment concentration of emamectin benzoate (EmBz) occurs between 80 and 169 days following use of the treatment. Monitoring of emamectin benzoate residues to determine compliance with the mixing zone standard should take place concurrently with ecology monitoring at or around “peak biomass”.

When the window of maximum emamectin benzoate residue occurrence is outside the appropriate period for ecology sampling, an additional emamectin benzoate surveillance survey should also be completed between 80 and 169 days following use of the treatment (“maximum residue”). This paper updates section 6.2.1 in the MACS document (MACS-FFA-01).

In the diagrams below:

1. The black line represents the 100m mixing zone;
2. The red stars represent peak biomass monitoring stations;
3. The red boxes represent additional emamectin benzoate maximum residue monitoring stations.

Scenario 1 – Edge of 100m mixing zone is 100 linear metres or modelled footprint is less than 100 linear metres



Scenario 2 – mixing zone is narrow and predominantly in one direction and extent is beyond 100 linear metres.

