



17-E-387
docCM-3149838

LCO-01

6 September 2017

Wendy Pond
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Dear Wendy

Thank you for your Official Information Act request to the Department of Conservation, dated 24 August 2017. You requested the following:

ERMA Decision [on HRE05002] says at 11.5.24 on page 100, While some of the formulated substances containing 1080 are classified as ecotoxic to terrestrial invertebrates (9.4A classification) none of them is attractive to bees as they contain no sweeteners. Therefore, regulation 49(1) does not apply as the substances are not in a form to which bees are likely to be exposed. The Title of the document is: Environmental Risk Management Authority Decision...[on] Application Number HRE05002, August 2007. Ammended 2008. Page 100.

FOUR SHORT QUESTIONS. Please explain: 1. Are the 1080 baits distributed by helicopter a formulated substance in the sense used in the paragraph quoted? 2. Do the baits distributed by helicopter contain sweeteners? 3. What are all the constituents of 1080 baits? 4. Honey bees have been observed on 1080 baits. What attracts the bees to the 1080 baits?

Q1 reply:

All 1080 baits distributed by helicopter are formulated substances, but not all of these formulated substances are being referred to in the paragraph quoted.

Q2 reply: According to the safety data sheets, 1080 cereal pellet baits contain sugars. The safety data sheet for 1080 Solution does not list any sweeteners.

Q3 reply:

In relation to 1080 bait types that may be applied aerially:

- The Department doesn't hold the full "recipe" for 1080 baits. This is commercially sensitive information held by the manufacturers. The information on the manufacturers' safety data sheets is that the cereal pellet baits contain sodium fluoroacetate, cereals, sugars and binders. They would also include a green dye and cinnamon lure.
- The information on the manufacturer's safety data sheets for 1080 Solution is that it contains sodium fluoroacetate, water and blackish-purple dye. The soluble concentrate is applied to carrot or oat baits, with green dye and cinnamon lure.

Q4 reply: 1080 cereal baits are not an attractive foraging resource to honey bees.

Yours sincerely

A handwritten signature in black ink, appearing to read "S. Timmins". The signature is written in a cursive, flowing style.

Susan Timmins
Director Threats (acting)
Biodiversity
for Director-General