



25 January 2024

OIAD-910

Jody Muntz

[fyi-request-25248-f618650a@requests.fyi.org.nz](mailto:fyi-request-25248-f618650a@requests.fyi.org.nz)

Tēnā koe Jody

Thank you for your email of 19 December 2023 requesting the following under the Official Information Act 1982 (the Act):

1. *Do the aeroplanes spraying Chem trails over kaikoura (that i have witnessed) have radioactive strontium in the trails, barium and aluminum?*
2. *How many weather modifications station are in Nz OR H.A A.R.P?*
3. *What are the effects on the environment and living creatures ingesting the fallout of these chemical trails?*
4. *Who gives permission to consent for geo engineering to take place in Nz?*

In response to the parts of your request relating to chem trails, there is no evidence to support the occurrence of deliberate spraying of chemicals from aircraft. The persistent white trails in skies that have been attributed to “chem trails” are either vapour trails from aircraft, or clouds which have been formed by a natural process known as cloud streeting. Vapour trails are sensitive to moisture levels and the stability of the atmosphere, and small changes in these parameters can affect their appearance and persistence. Under certain atmospheric conditions, the vapour trails can last for a few hours and spread out due to winds.

You can be assured that there is no deliberate spraying of chemicals from aircraft or the use of any other weather modification by the Government.

In response to the parts of your request relating to weather modification, weather modification stations and geoengineering, there is no evidence to support the occurrence of cloud seeding, geoengineering, or any other weather modification methods by the Government.

I must therefore refuse your request in full under section 18(g)(i) of the Act, as the information requested is not held by the Ministry and I have no reason to believe it is held by another agency.

You have the right to seek an investigation and review by the Office of the Ombudsman of my decision to withhold information relating to this request, in accordance with section 28(3) of the Act. The relevant details can be found on their website at the following link: [www.ombudsman.parliament.nz](http://www.ombudsman.parliament.nz).

Please note that due to the public interest in our work the Ministry publishes responses to requests for official information on our [OIA responses page](#) shortly after the response has been sent. If you have any queries about this, please feel free to contact our Ministerial Services team: [ministerials@mfe.govt.nz](mailto:ministerials@mfe.govt.nz).

Nāku noa, nā

**Glenn Wigley**

General Manager – Waste & HSNO Policy  
Ministry for the Environment | Manatū Mō Te Taiao