



environmental affairs

Department:
Environmental Affairs
REPUBLIC OF SOUTH AFRICA

Ref:02/1/5/2

MINISTER

QUESTION NO. 1644 FOR WRITTEN REPLY: NATIONAL ASSEMBLY

A draft reply to Mrs C Dudley (ACDP) to the above-mentioned question is enclosed for your consideration.

MS NOSIPHO NGCABA
DIRECTOR-GENERAL
DATE:

DRAFT REPLY APPROVED/AMENDED

MRS B E E MOLEWA, MP
MINISTER OF ENVIRONMENTAL AFFAIRS

DATE:

NATIONAL ASSEMBLY

(For written reply)

QUESTION NO. 1644 {NW1814E}

INTERNAL QUESTION PAPER NO. 18 of 2016

DATE OF PUBLICATION: 12 August 2016

Mrs C Dudley (ACDP) to ask the Minister of Environmental Affairs:

- (1) Whether she has been informed that (a) Chemtrail uses aircraft to spray chemicals, mostly aluminum and borax, from high altitude and in some cases modified fuels carrying other chemicals and (b) these heavy metals are carcinogenic and environmentally damaging, thereby contributing to global warming and having a significant effect on groundwater and soil;
- (2) has she initiated an investigation with regard to this practice and/or referred the matter to the relevant department or structure to be investigated; if not, why not; if so, what are the relevant details?

1644. THE MINISTER OF ENVIRONMENTAL AFFAIRS REPLIES:

- (1) (a) and (b)

Minister is not informed about the company Chemtrail per se but is provided with an insight that:

- Passenger and military jetliner manufacturers, jet fuel companies and the Aviation Industry uses geoengineering techniques to seed metallic particles to the fuel of the jet airliners. In the process, aluminium (mainly aluminium oxide) is used along with barium and strontium. These chemicals when used in a spray form a Chemtrail (chemtrail are trails of condensation that can be seen in the sky when a jet airplane is travelling at above 30,000 feet altitude);
- Environmental concerns or damage on groundwater and soil are not fully known and the Department is researching the matter.
- There is no evidence of carcinogenic effect of these chemicals. The Department will engage with the Department of Health on this matter in view of the increase in global air transportation.

- (2)

- No, Minister has not initiated investigations with the Aviation Industry, Department of Defence, Department of Transport nor the Department of Energy; and
- The reason being is that studies have not shown evidence of environmental concerns. It was concluded that, use of heavy metals injected into the stratosphere by exhausts of jets might scatter negligible amounts of sunlight and seemingly poses no significant environment issues. There have been no radioactive and ozone destroying properties in the stratosphere to warrant environmental interventions.

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