

LEGISLATIVE COUNCIL
Question on notice

be tabled paper.

Thursday, 19 June 2014

1317. Hon Robin Chapple to the Minister for Agriculture and Food.

I refer to pages 1 and 6 from the "2013-10-29 Lynas ASX Release - CEO Address AGM" located at <http://www.robinchapple.com/pages-2013-10-29-lynas-asx-release>, and page 6 of the document which refers to trials in Western Australian canola fields of the use of solid residues emanating from the water leached purification system from the Lynas Advanced Materials Plant (LAMP), near Kuantan in Pahang, Malaysia, and I ask:

- (a) where are these field trials occurring;
- (b) was permission granted by the Minister for these field trials to occur;
- (c) if no to (b), why not;
- (d) if yes to (b), why;
- (e) has the chemical composition of the solid residues emanating from the water leached purification system been tested for chemical and or radioactive material;
- (f) if no to (e), why not;
- (g) if yes to (e), will the Minister table the results of those tests;
- (h) was permission sought from the Minister to import the solid residues emanating from the water leached purification from the LAMP in Malaysia;
- (i) if no to (h), why not;
- (j) if yes to (h), when did this occur;
- (k) if yes to (h), was permission granted or refused; and
- (l) if permission was granted in respect of (k), will the Minister table documentatation to support that decision?

Answer

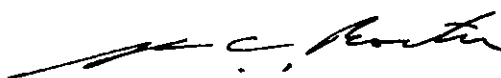
- (a) I am not aware of the specific location in Western Australia of the Lynas trials.
- (b) No
- (c) There is no requirement for permission from the Minister for Agriculture to conduct fertiliser field trials in Western Australia. The Department of Agriculture and Food WA has not been involved in these trials. The material must meet the import requirements for fertiliser under both Federal and State legislation.
- (d) Not applicable
- (e) Yes
- (f) Not applicable

(g) The results of independent testing have been provided by Lynas who have agreed to them being tabled. *[see Tabled Paper No.]*

(h) No

(i) There is no need for specific permissions from the State Minister for Agriculture and Food. The material is subject to the normal State and Federal import requirements for fertilisers. Lynas has advised that it has received an import permit for the product, and that it has been classified as non-hazardous and non-radioactive, from the then Australian Quarantine and Inspection Services of the Federal Department of Agriculture, Fisheries and Forestry.

(j) - (l) Not applicable



MINISTER FOR AGRICULTURE AND FOOD

Tabled Paper to LC QON 1317

Test results provided by Lynas Corp

				NUF Powder	NUF Powder not ground	NUF Granular	NUF 70% C 30%	NUF 73% Mg 12% Gu 15%	NUF 88% Mg12%	NUF 85% Gu 15%	NUF
			Client:	Lynas	Lynas	Lynas	Lynas	Lynas	Lynas	Lynas	Lynas
	Nutrient		Units	C4908/1	C4908/2	C4845/1	C4908/3	C4908/4	C4908/5	C4908/6	C9313/2
Macronutrients	Nitrogen	N	%	..	..	0.07	0.25	0.13	0.09	0.11	0.03
	Phosphorus	P	%	..	..	0.04	0.12	1.10	0.07	1.32	0.08
	Potassium	K	%	..	..	0.86	1.14	0.68	0.68	0.61	<0.01
	Sulphur	S	%	12.5	12.2	13.1	8.4	9.0	9.6	9.2	13.77
	Carbon	C	%	..	0.9	4.7	17.4	6.8	5.1	5.7	0.9
	Calcium	Ca	%	16.0	16.1	19.7	10.2	14.9	13.5	15.2	16.4
	Magnesium	Mg	%	4.83	4.97	5.31	2.92	5.99	9.26	4.04	4.17
	Sodium	Na	%	..	..	0.02	0.05	0.05	0.04	0.05	0.15
Micronutrients	Copper	Cu	mg/kg	..	..	13	34	40	8	48	19
	Zinc	Zn	mg/kg	..	..	13	32	142	16	170	169
	Manganese	Mn	mg/kg	..	..	3,046	1,969	2,805	2,399	2,854	3,799
	Iron	Fe	mg/kg	..	..	1,267	11,060	4,658	1,550	3,775	1,188
	Boron	B	mg/kg	..	..	<5	5	50	112	10	22
	Molybdenum	Mo	mg/kg	..	..	0.8	0.9	1.5	1.2	1.4	1.1
	Cobalt	Co	mg/kg	..	..	1	5	2	1	2	20
	Silicon	Si	mg/kg	..	..	939	915	1,177	1,059	1,139	1,484
	pH (1:5 water)	na	..	..	9.7	9.3	9.9	10.1	9.8	9.7	9.7
	Electrical Conductivity (dS/m)	..	..	15.3	13.4	13.3	12.6	13.1	5.8	5.8	5.8
	Moisture see note 6	%	..	..	<0.1	0.5	<0.1	<0.1	<0.1	2.8	2.8
Heavy Metals	Aluminium	Al	mg/kg	..	..	..	5,235	..	..	..	571
	Selenium	Se	mg/kg	..	..	..	0.9	..	..	..	0.5
	Cadmium	Cd	mg/kg	..	..	..	<0.5	..	..	..	2.5
	Lead	Pb	mg/kg	..	..	..	3	..	..	..	2
	Arsenic	As	mg/kg	..	..	..	2	..	..	..	4
	Chromium	Cr	mg/kg	..	..	..	12	..	..	..	5
	Nickel	Ni	mg/kg	..	..	..	50	..	..	..	131
	Mercury	Hg	mg/kg	..	..	..	<0.1	..	..	..	<0.1
	Silver	Ag	mg/kg	..	..	..	<1	..	..	..	<1
	Water Solubl P	P	mg/kg	..	..	..	12	..	..	20	7
	2% Citrate So P	P	mg/kg	..	..	..	764	..	..	115	79
	Total Soluble P	P	mg/kg	..	..	..	776	..	..	135	86
	Total Fluoride	F	mg/kg	..	..	..	..	..	..	..	18
	Total Organic C	C	%	..	0.13	3.49	16.3	..	..	..	0.64
	Walkely Black C	C	%	..	..	..	11.1	..	..	..	..
	Inorganic Car C	C	%	..	0.73	1.26	1.1	..	..	..	0.21
	Acid Neutralali	CaCO3	%	24.7	21.7	23.50	16.1	31.6	38.1	26.0	18.4