

towards cutting drains through the swamp, as it contains undoubtedly the best land on the property. At present there are twenty-seven steers running in this swamp, which were bought at £2 a head; there are also two three-year-old steers and two cows, all looking in first-rate condition. Owing to the exceptionally dry season before mentioned, the results have not been so good all round as anticipated, but under ordinary circumstances I am of opinion that with very little expenditure this property could be made self-supporting in bacon, potatoes, milk, and mutton.

P. KAVANAGH,
Farm Foreman.

REPORTS OF PUBLIC ANALYSTS.

AUCKLAND.

SIR,—

29th June, 1908.

I have the honour to forward herewith a report of analyses made in my laboratory under the Food Adulteration Prevention Acts, during the year ending 31st March, 1908.

The number of analyses made in this period was twenty, the particulars of which are given on the accompanying sheets.

During the year I have received no samples of alcohol and only three samples of milk.

Some of the potable waters submitted were unsatisfactory, and deserve further attention at regular intervals.

I have, &c.,

J. A. POND, F.C.S.,

Government Analyst, Auckland.

The Chief Health Officer, Wellington.

RETURN OF ANALYSES for the Year ended 31st March, 1908. (Analytical Laboratory, Auckland.)

Department or Person from whom Sample is received.	Nature of Sample.	Date received.	Adulteration suspected, or for what analysed.	Result.
District Health Department	One potato ..	1907. April 16 ..	Arsenic or copper ..	As. Cu. negative. Considerable fungoid-development.
	Assumed opium (liquid)	.. 29 ..	Meconic acid, morphine	Both present. Conviction sustained.
"	Assumed opium (powder)	.. 29 ..	Ditto ..	Negative.
"	Medicine ..	May 28 ..	Emmenagogue ..	Present—extract of ergot, ferri perchlor.
Health Department	Mud ..	June 17 ..	Sewage contamination	Traces of nitrates; nothing denoting sewage.
Ditto	Jam ..	Aug. 1 ..	Salicylic acid ..	Present; equal to 0.617 gr. per pound.
"	Milk ..	.. 26 ..	Preservatives ..	Negative.
"	" ..	Sept. 7 ..	" ..	"
"	Water ..	.. 19 ..	For potability ..	Satisfactory.
"	" ..	Oct. 3 ..	" ..	Organic pollution.
"	" ..	.. 5 ..	" ..	"
"	" ..	.. 5 ..	" ..	Satisfactory.
"	Medicine ..	1908. Jan. 14 ..	Constituents ..	Fluid extract of ergot.
"	" ..	.. 14 ..	" ..	Oils, sp. vin. rect. terpenes, camphor.
"	" ..	.. 14 ..	" ..	Solution of cascara sagrada and liquorice.
"	Milk ..	.. 28 ..	Composition and preservatives	Above standard. No preservatives.
"	Water ..	Feb. 11 ..	Potability for Volunteer camp	Condemned. Not fit for human consumption.
Police	Hop-beer ..	.. 18 ..	Alcohol ..	Proof-spirit, per cent., 2.48.
"	" ..	.. 18 ..	" ..	Proof-spirit, per cent., 4.52.
"	" ..	March 10 ..	" ..	Proof-spirit, per cent., 6.22.

WELLINGTON.

SIR,—

Dominion Laboratory (Mines Department), Wellington, 6th July, 1908.

I have the honour to forward herewith returns of analyses made in this laboratory for the Department of Public Health during the year ending 31st March, 1908.

These returns show a total of 154 analyses of a varied character.

I have, &c.,

J. S. MACLAURIN, D.Sc., F.C.S.,

Analyst to the Department of Public Health.

The Chief Health Officer, Department of Public Health.