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Original Communications.

A BIOLOGICAL ANALYSIS OF THE MONTREAL  
WATER SUPPLY DURING THE PERIOD FROM  
NOVEMBER, 1890, TO NOVEMBER, 1891.\*

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The following account of a biological analysis, made three years ago, has been abridged from my report addressed at the time to Mr. B. D. McConnell, then Superintendent of the Montreal Water Works, who took a deep interest in the investigation. Chemical analyses were made at the same time by Prof. R. F. Ruttan and Prof. Phister:

PLAN OF INVESTIGATION.

I. Regular monthly examinations of samples of water from the following four localities :

1. The lower reservoir.
2. The settling basin.
3. A point near the intake of the St. Cunegonde Water Supply.
4. A point in the middle of the River St. Lawrence south of Nun's Island.

These examinations were made at the express order of the Water Committee with a view of determining whether the water

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