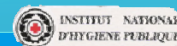


Quality Control Of Drinking Water Sold In Plastic Bags In Abidjan (Côte d'Ivoire)



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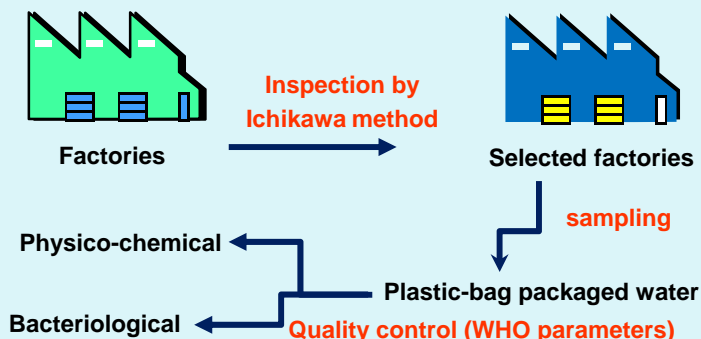
1 Introduction

The success of plastic-bag drinking water in West African countries is mainly due to its convenience, affordable cost and apparent hygiene.



Objectives : Assess the quality of plastic-bag water and conduct a quality control of its production sites.

2 Methods



3 Results



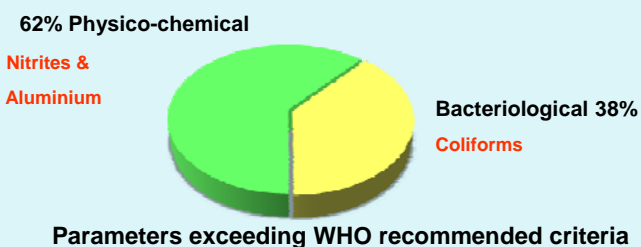
161 factory inspections from 2001 to 2003

Causes of failure

- Lack of employee training 12%
- Substandard sanitation programs 10%
- Substandard sites 10%
- Handfilling packaging process 6%



Plastic-bag water quality control



Parameters exceeding WHO recommended criteria

4 Conclusion

Factory plastic-bag drinking water was a progress compared with handfilled plastic-bag water. However, there is a health risk associated with the drinking of some this products. Therefore, their quality and processing need to be improved to meet WHO recommended criteria for drinking water.

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