Réseaux de distribution d'eau dans les agglomérations des pays en voie de développement. Développement des projets de raccordements et de branchements individuels ; choix des types de captage et pompage, de stockage ; dimensionnement des canalisations ; méthodes de traitement chimique de l'eau et aspects sanitaires. Estimation des coûts et des ressources humaines pour la mise en oeuvre. Z/3682

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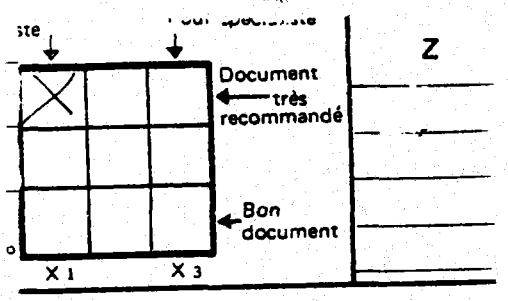
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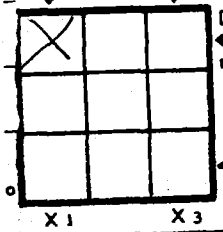
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~~Réseau~~	des pays en voie de développement -
5 Eau potable	Développement des projets de raccordement
5 Qualité de l'eau	et de branchements individuels ; choix
5 Pompage	des types de captage et pompage, de
5 Puits	stockage ; dimensionnement des
5 Eau souterraine	canalisations. méthode de traitement
5 Pays en voie de développement	chimique de l'eau et aspects sanitaires.
5 Socio économie de l'eau	Estimation des coûts et des
5 CANALISATION.	ressources humaines pour la mise
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Community Piped Water Supply Systems in Developing Countries

A Planning Manual

66/72785

Daniel A. Okun and Walter R. Ernst



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Abstract

This document, when supplemented by specific local data, provides officials in developing countries with a manual that can assist in the planning of community piped water supply systems. It is intended to be the basis for the preparation of country planning manuals; **Notes** throughout the document indicate where local input is required.

A checklist for planning and priorities for selection of projects precedes the elaboration of principles for planning. Principles include consideration of health, economic and social benefits; environmental and social constraints; and technical, economic, financial, logistic, institutional, and sociocultural considerations. The use of low-cost indigenous materials, simplicity for easy operation and maintenance, financial and institutional capacity, and community participation are emphasized.

Project preparation, including project identification, pre-feasibility studies, monitoring and evaluation and technical planning are described. Technical subjects include water quality, system capacity, selection and development of sources, pumps, transmission lines, distribution networks, and water treatment. Attention is given to operation and maintenance, economic and financial considerations, logistic support, and local institutions, including human resources development. In addition to reference materials, annexes include information useful to those who are responsible for preparing country manuals.

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