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A. Community management

All inspections, repairs, renovations and replacements are carried out by members of the community or under the community's direction.

Support to the community can be provided by private enterprise (spares and services) or purchased from a government agency.

Advantages

- ✔ Fast response to problems
- ✔ In control of own affairs
- ✔ Develop pride in own abilities and achievements

Disadvantages

- ✘ Needs motivated people with appropriate level of skill
- ✘ May require engineering facilities
- ✘ Need to hold expensive stock of spares

B. Centrally managed with involvement (tiered syst

Simple routine inspections a people using the pump, but a looking after many handpum inspections, overhauls, and

Advantages

- ✔ Community retains reason responsibility
- ✔ Back up for major problem
- ✔ Pride in maintaining pump

Disadvantages

- ✘ Community dependent in
- ✘ Delays awaiting actions of
- ✘ Skilled team needs to be
- ✘ Expensive vehicles require

- While the centrally managed system (C) would seem the easiest to set up, it is the least effective in the long term.
- The compromise option (B) with both central and community involvement is perhaps the most common choice, but it has

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nd repairs are carried out by the a centralized specialist group ps will visit periodically for major repairs.

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central group
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C. Centrally managed

All work is carried out by a central agency.

Advantages
- ✔ Smaller stock of spares required per pump
- ✔ Concentration of skills and resources

Disadvantages
- ✘ Slow response to remedy breakdowns
- ✘ High cost and possibly poor service
- ✘ Routine inspections may not be carried out
- ✘ No involvement or commitment by the community

s not always been sustainable.
and Maintenance (VLOM) - designed pumps, this option is becoming more feasible.

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The significance of maintenance

When handpumps are to be installed a lot of time is spent considering the type of pump and the installation details, but ease of maintenance is of vital importance as it will influence the effectiveness and life of the pump.

Ease of maintenance should influence choice as much as hydrogeology.

Commu olvement

No matte ystem of management is adopt involvement is vital fo g-term effectiven e handpump. The best way to this is by the appointm *pump caretaker* er proper training and the suppl kit, will carry out the f duties:

Further rea

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