CellPump



LIVING WATER INTERNATIONAL

- Established in Rwanda in 2007
- Drilling approximately 50 new wells per year
- To date have drilled ~380 wells
- Grant: Install 200 remote monitoring sensors in handpumps across Rwanda by end of 2014
- Seed grant funded by DFID through the GSMA
- Partnership with MINIRENA in Government of Rwanda
- Research aspects include:
  - Water User Survey
  - Cost Effectiveness Study

LIVING WATER INTERNATIONAL
RWANDA


Bwindi Impenetrable National Park
Rutshuru
Rubanda
Rushenyi
Ibanda Game Reserve
Rumanyika Orugundu Game Rese
Kisoro
Kabale
Kanzhobe
Kamuganguzi
Rukoni
N2
Butaro
Mount Karisimbi
Mont Karisimbi
Mount Muhabura
Kiyombe
Mimuli
Ruhondo
Kivuye
Ngarama
Sake
Mutura
Nkuli
Byumba
N2
Goma
Gatonde
Kinihira Kinyami
Akagera National Park
Parc National de l'Akagera
Kanama
Ndusu
Muhura
Nyamyumba
Mugambazi
Nyakabanda
Lake Ihema
Lac Ihema
Kayenzi
Kibilira
Rwamagana
Rwanda
N2
Lake Kivu
Lac Kivu
Rutonde
Gitarama
Rukoli
Kalehe
Ile Idjwi
Kinazi
Mugesera
Rwamatamu
Muki
Gisovu
Kirehe
Muram
Kirambo
Nyabisindu
Gafunzo
Karaba
Lake Rweru
Lac Rweru
Ntyazo
Gisuma
Giteranyi
Ngara
Karengera
3b
Shyanda
Nyakabuye
Nyungwe Forest National Park
Forêt Naturelle de Nyungwe
Kirundo
Bwambarangwe
Muganza
Butare Province
N5
Bugarama
City
Muganza
Nyakizu
Kibayi
Rugari
Nshili
Muyange-Gashoho
Muvinga

Challenges

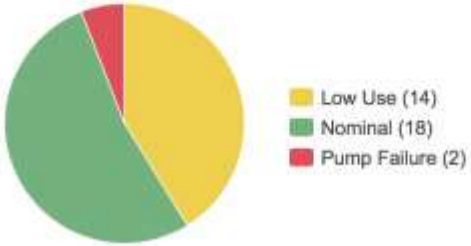
- Network connectivity *strength* at remote sites
- Connecting to Burundi, DRC, Tanzania networks
- Special supplies needed quickly from USA
- Afridev hand pump quality control
- External antenna being demolished at site

DURACELL
MN1500
MAR 2019
MAR 2016

https www.sweetdata.biz/dashboard — SweetData

Reader

Pump Status



AfriDev Status

Pump	Alarm Status	Site ID
AFRIDEV_D4528E	Functioning	21
AFRIDEV_A841F5	Functioning	21
AFRIDEV_D436B7	Caution	21
AFRIDEV_A85CC0	Caution	21
AFRIDEV_D42483	Caution	21
AFRIDEV_D4423A	Failure	21
AFRIDEV_A8637D	Caution	21
AFRIDEV_D44088	Caution	21
AFRIDEV_D42892	Caution	21
AFRIDEV_A8687C	Functioning	21
AFRIDEV_A84C4F	Caution	21
AFRIDEV_A82377	Functioning	21
AFRIDEV_A872DB	Caution	21
AFRIDEV_A8587D	Functioning	21
AFRIDEV_A82672	Functioning	21
AFRIDEV_D43B32	Functioning	21
AFRIDEV_A85C7A	Caution	21
AFRIDEV_D459BF	Caution	21
AFRIDEV_D444D4	Functioning	21

Alarm Map



Country	Rwanda
Site	CellPump
Device	AFRIDEV
Latest Report	2014-06-08

