

# Schematic Of Well Disinfection Equipment Sent to Haiti

November 3, 2011

Haiti Lutheran Ministry and Mission Society, Mission:Haiti and Epiphany Lutheran Church

Carrying Tubes for Tremie Pipe, Short Pipes, and Flexible Hoses

Clean 5 gallon Bucket for Mixing Bleach With Water

Water Quality Test Kits

Temporary Well Closure Tools

Flexible Discharge-Recharge Hoses

See Detailed Picture 2

Recharge-Discharge Quick Connects And Extra Pieces

See Detailed Picture 1

Flowmeter to Measure Inflow and Outflow

Check Valves, Gate Valve, Connectors, Turning Handle and Extra "O" rings

125 feet of 3/4 Inch; 5 feet length. Threaded Tremie Pipe. Threaded To Allow Rapid Removal and to be able to Carry in a Plane or Vehicle

3/4 Inch Threaded Short & Long Tremie Pipe Extensions

2 & 4 Inch Well Brushes and Adapters

WB 15 Honda Water Pump

Safety Gas Can

Tool Box to Carry Fittings and Brushes

# Temporary Well Closure Equipment Sent to Haiti

## Detailed Picture 1

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Swedge Crimping Tool

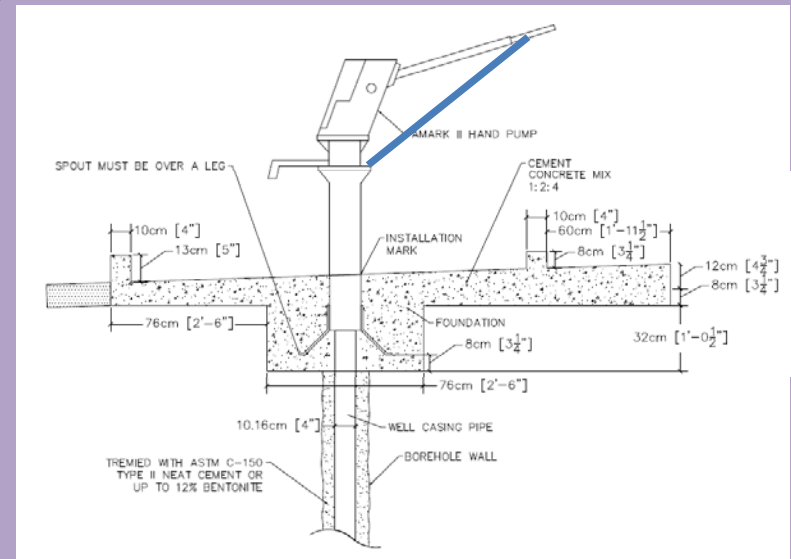
7 by 19 Stainless Steel Aircraft Wire  
500 feet roll

Stainless Steel Swedges

Stainless Steel Wire Cutters

428-3-VG Tin Plated Copper Standard Swedges

Equipment used in this slide is designed to temporarily close a well during the chlorination process. A cable is secured between the pump handle and the vertical post (see to the right, blue line). Once the chlorination process is completed the well will be tested with water quality test strips and the well pumped free of free chlorine.



# Water Quality Test Kits for Well Testing

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Detailed Picture 2

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Industrial Test Systems  
Nitrate/Nitrite  
Nitrogen Test Strips  
Part Number 48009  
Par Number 481109

Industrial Test Systems Arsenic  
Quick Test  
Part Number  
4813965

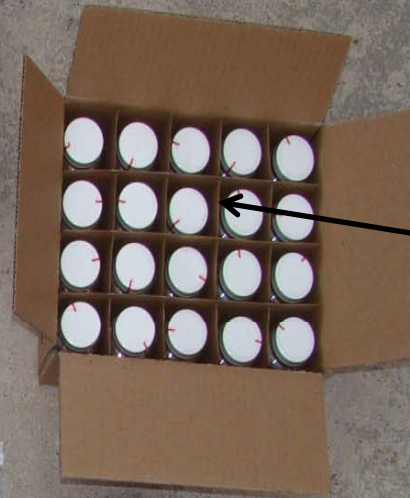
Industrial Test Systems Chloride  
Test Strips  
Part Number  
481027

Industrial Test Systems Free  
Chlorine Test Strips  
(High range)  
Part Number  
480022



Industrial Test Systems 5 Way Test Strips: Total Chlorine, pH, Total Alkalinity & Total Hardness  
Part Number 480015

Industrial Test Systems Free Chlorine Test Strips (Low range)  
Part Number 481026



IDEXX  
100 ml Colilert  
Disposable  
Vessels - Qty -20  
of  
Part Number 98-  
09220-00



Hach Pathoscreen  
Round 10 ml Vials Qty -  
50; Part Number  
2427606 Reagents  
Already in Haiti



IDEXX  
Colilert Reagent  
Snap Pack Qty-20  
Part Number  
98-12972-00