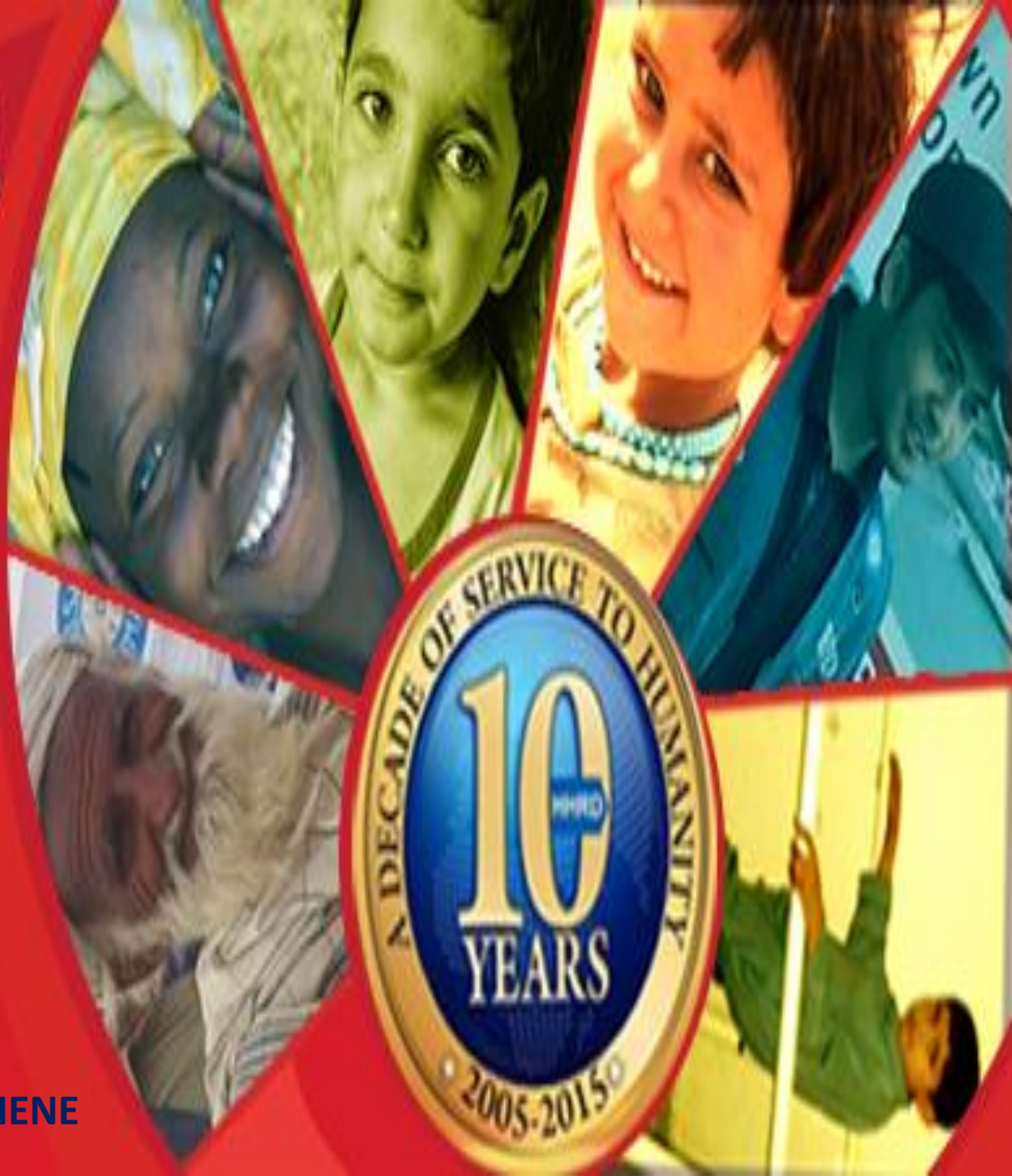
WATER FOR LIFE

Celebrating

A DECADE OF SERVICE



WATER AND SANITATION HYGIENE

Aspiration Behind Starting of HHRD: September 2005

And We have not sent you [Muhammad] but as a Mercy to the Worlds… (Quran 21:107)

Vision Statement of HHRD

Helping Hand for Relief And Development (HHRD) as a Leader, empowering lives, creating opportunities, and strengthening the bond of humanity.

HHRD : Credible Standing

By the GRACE of GOD

Six Years in a Row Top ★ ★ ★ ★ Charity Navigator

BBB Accredited Charity

HHRD Member of Prestigious InterAction:
Alliance of 180+ NGOs in Washington, D. C.

HHRD Registered as NGO

- Pakistan (2005)
- Haiti (2010)
- Kenya (2011)
- Somalia (2011)
- Jordan (2013)
- Philippines (2014)
- Afghanistan (2014)
- Mexico (2014)
- Uganda (2014)
- Tanzania (2015)
- South Africa (2016)
- Kosovo (2016)
- Nepal (2017)
- Myanmar (Expected Soon)
- Macedonia (Expected Soon)

HHRD Partners

- Albania
- Bangladesh
- Bosnia and Herzegovina
- Brazil
- Burma (Myanmar)
- Burundi
- Cambodia
- Central African Republic
- Chad
- DJibouti
- Dominican Republic
- Ethiopia
- Ghana
- Guyana
- India
- Indonesia
- Japan
- Kashmir Valley

HHRD Partners

- Lebanon
- Macedonia
- Malawi
- Mali
- Montenegro
- Rwanda
- Sierra Leone
- South Sudan
- Sri Lanka
- Sudan (Darfur)
- Thailand
- Tunisia
- Vietnam

HHRD Programs

- Emergency Relief
- Water For Life (WFL) &
- Water And Sanitation Hygiene (WASH)
- Comprehensive Physical Rehabilitation
- Health Care
- Education Support
- Infrastructure Development
- Public Advocacy & Social Justice
- Seasonal

(Zabiha / Qurbani / Iftar / Fitra / Eid Gifts / Winter Provisions)

HHRD Programs

- Matching Gift
- Orphans Support
- Children with Disabilities
- In-Kind Gifts
- Skills Development
- Islamic Esaar Micro-Finance
- Youth Empowerment
- Summer Internship
- Youth for Haiti & Jordan

HELPING HAND
FOR RELIEF AND DEVELOPMENT

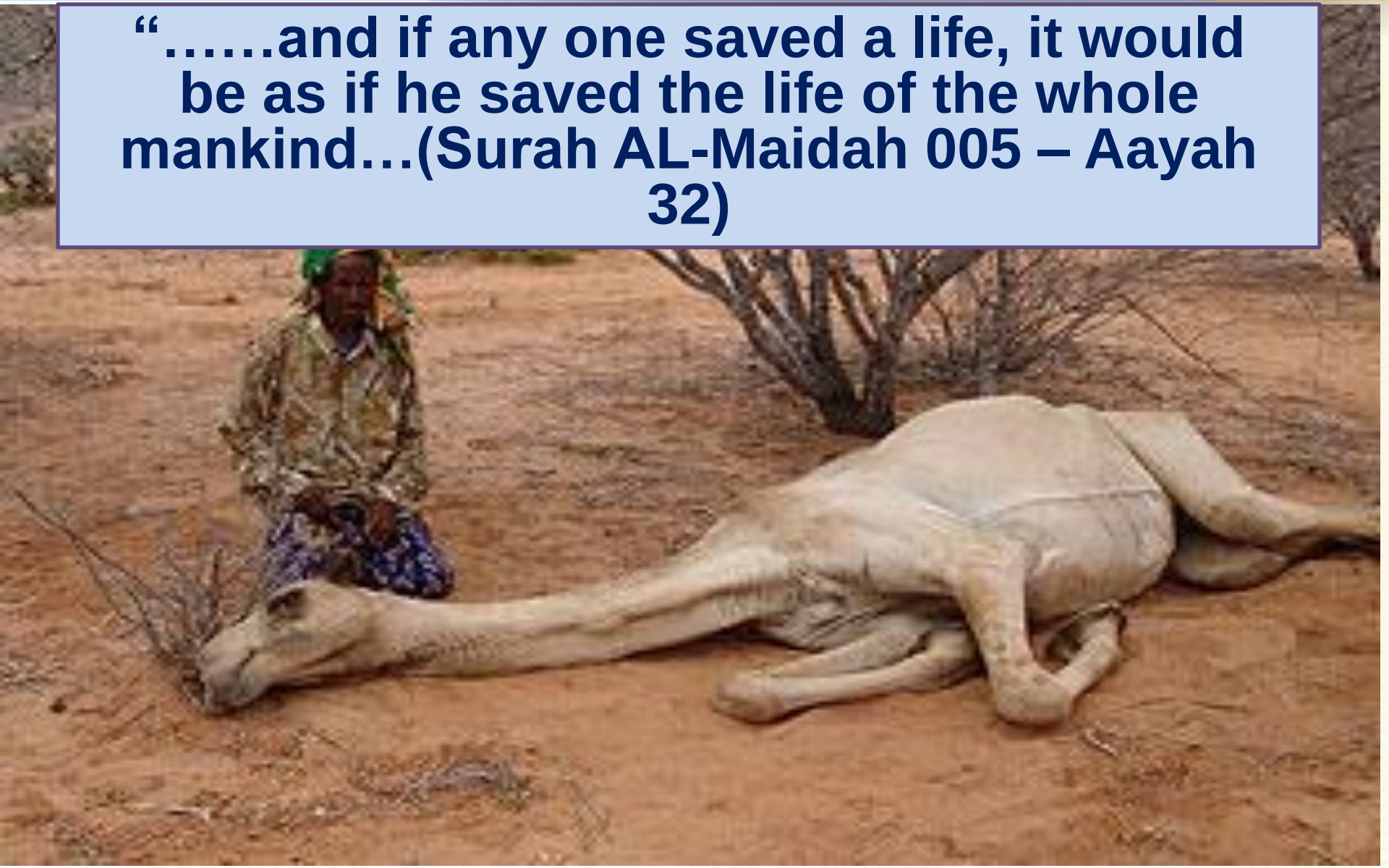
Understanding of the Program and Annual Review 2016 & Plan for 2017

Water For Life
PROGRAM

...improving lives through the provision of safe and clean water

Aspiration For WFL

“……and if any one saved a life, it would be as if he saved the life of the whole mankind…(Surah AL-Maidah 005 – Aayah 32)



Aspiration For WFL

Prophet Muhammad (SAWS) said,

"The Best Charity is to Provide Water…"
(Ibne Majah - - - Hasan)

Aspiration For WASH

Prophet Muhammad (SAWS) said,

"Cleanliness is Half the Faith..."

(Ibne Majah - - - Hasan)

Scope: Millennium Goals for 2016

Lack of safe drinking water is a GLOBAL ISSUE. 1.1 billion+ people (1 in 6 people) i.e. 840,000 Annually Die because of Water-Borne Diseases. About 3 billion+ people lack Sanitation.

GOAL: Decrease the proportion of the population without sustainable access to safe drinking water and basic sanitation.

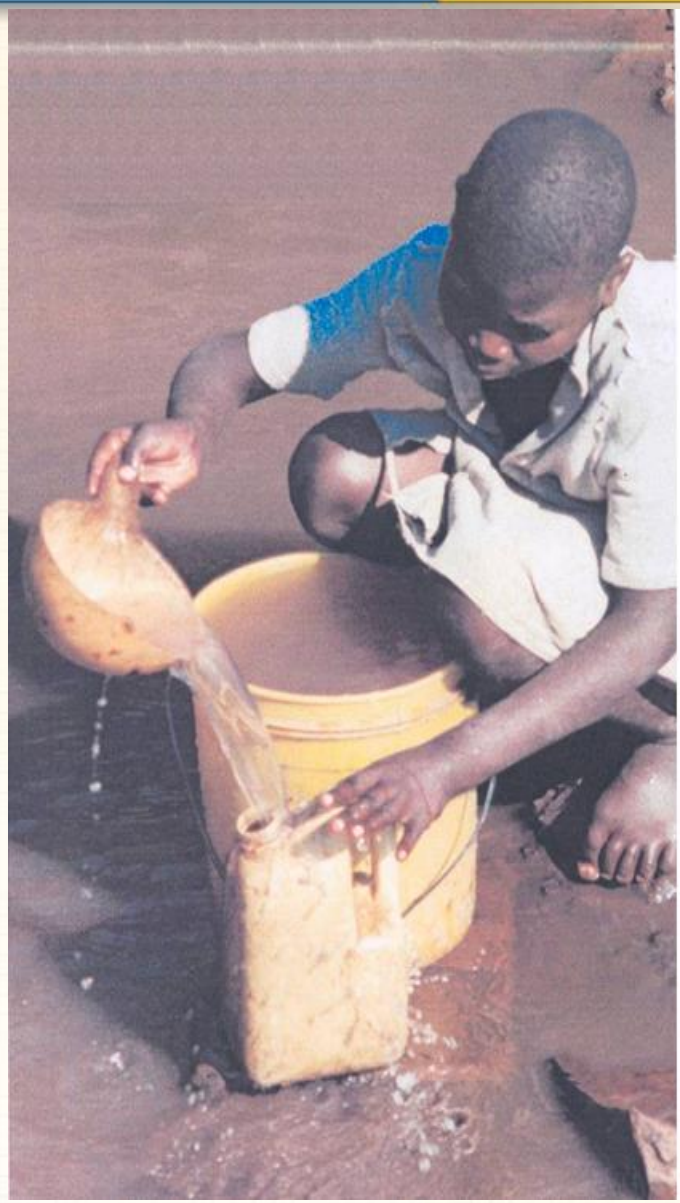
Scope : Sustainable Goals for 2030

6 CLEAN WATER AND SANITATION

GOAL: Ensure availability and sustainable management of water and sanitation for all…

Scope & Issues

- There is a lack of safe water & proper sanitation in rural dweller and around the developing world.
- Poor are particularly vulnerable to chronic illnesses due to few medical resources which hinders their productivity and makes poverty eradication more difficult.
- Millions of women & children in developing countries travel daily for several hours to get access to water which is polluted.



Water For Life (WFL) / Water And Sanitation Hygiene (WASH)
Objectives of Water and Sanitation Hygiene (WASH)

- Strive & discover sources of water where there is a shortage or absence of water
- Improve access to clean drinking water
- Prevent water borne diseases
- Create awareness about proper sanitation and hygiene practices, including distribution of basic hygiene products
- Construct proper sanitation amenities

WFL and WASH – We Serve in …

Water For Life
PROGRAM

…improving lives through the provision of safe and clean water

Locations where HHRD Serves with Water Projects : Tanzania, Uganda, Kenya, Somalia, Afghanistan, and Pakistan

HELPING HAND
FOR RELIEF AND DEVELOPMENT

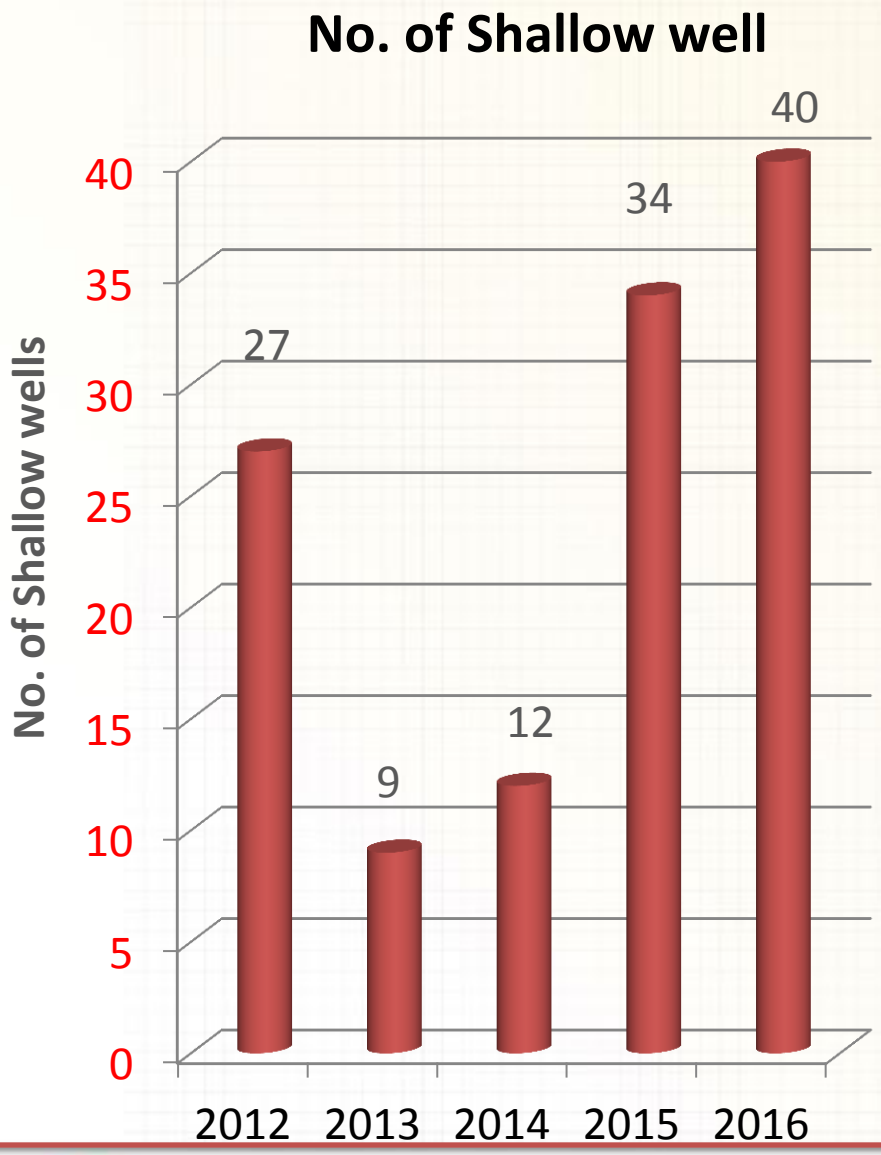
Water For Life
PROGRAM

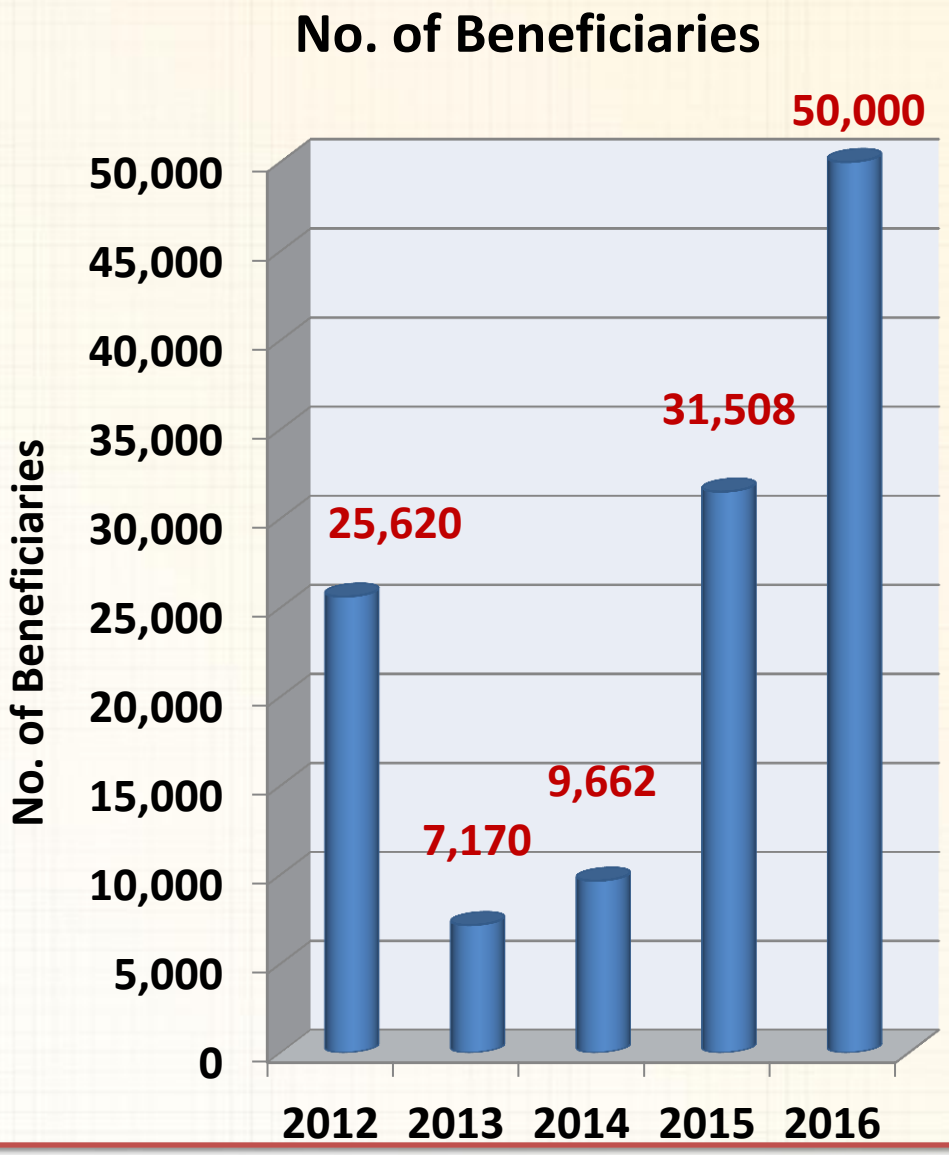
OVERVIEW 2011-2016

NUMBER OF SHALLOW WELLS in AFRICA (2011-2016)

YEAR / COUNTRY	2011-2012	2013	2014	2015	2016
KENYA	15	5	8	12	15
SOMALIA	4	2	4	15	15
UGANDA	-	-	-	7	10
TANZANIA	8	2	-	3	15
TOTAL	27	09	12	34	40
Grand Total			**122**		

NO .OF SHALLOW WELLS VS NO. BENEFICARIES



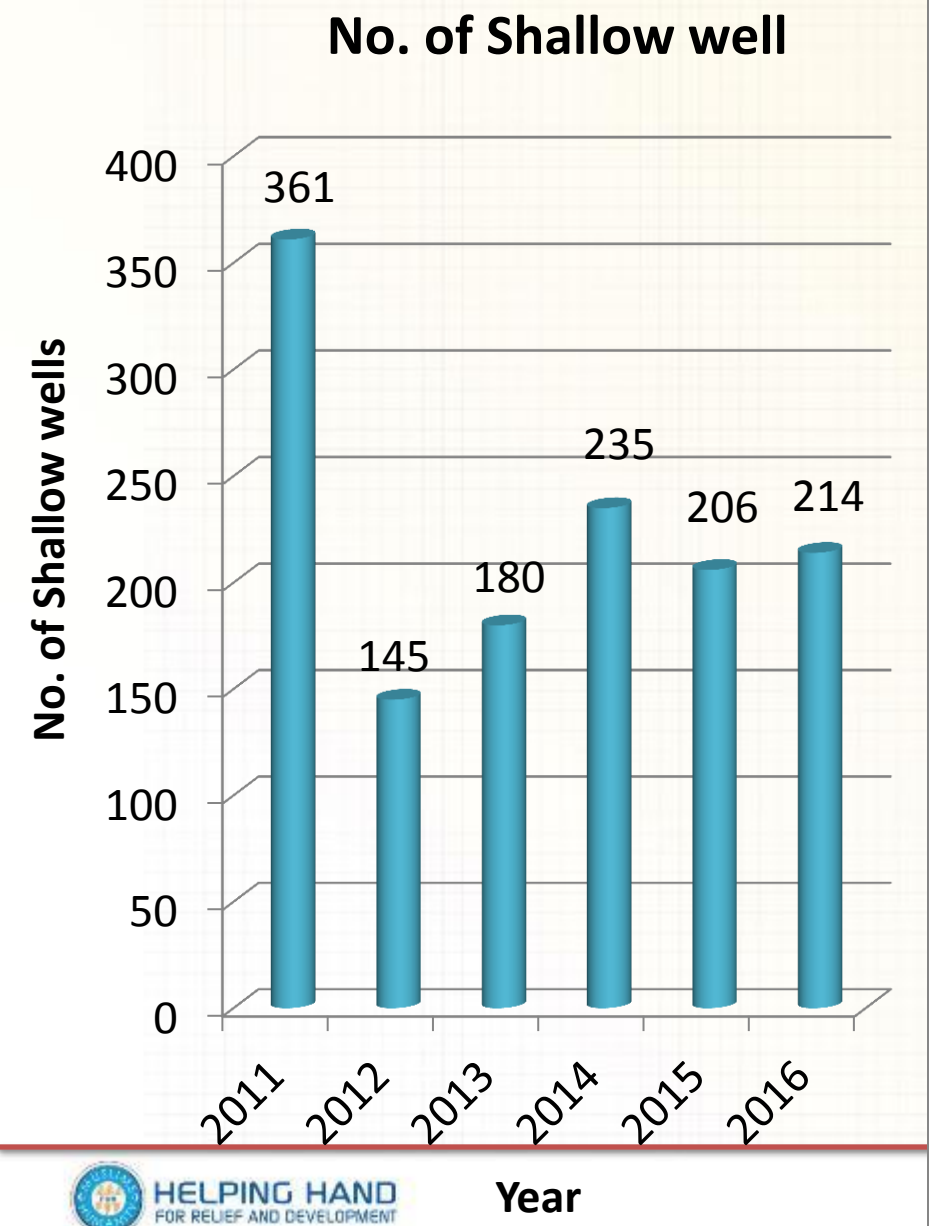


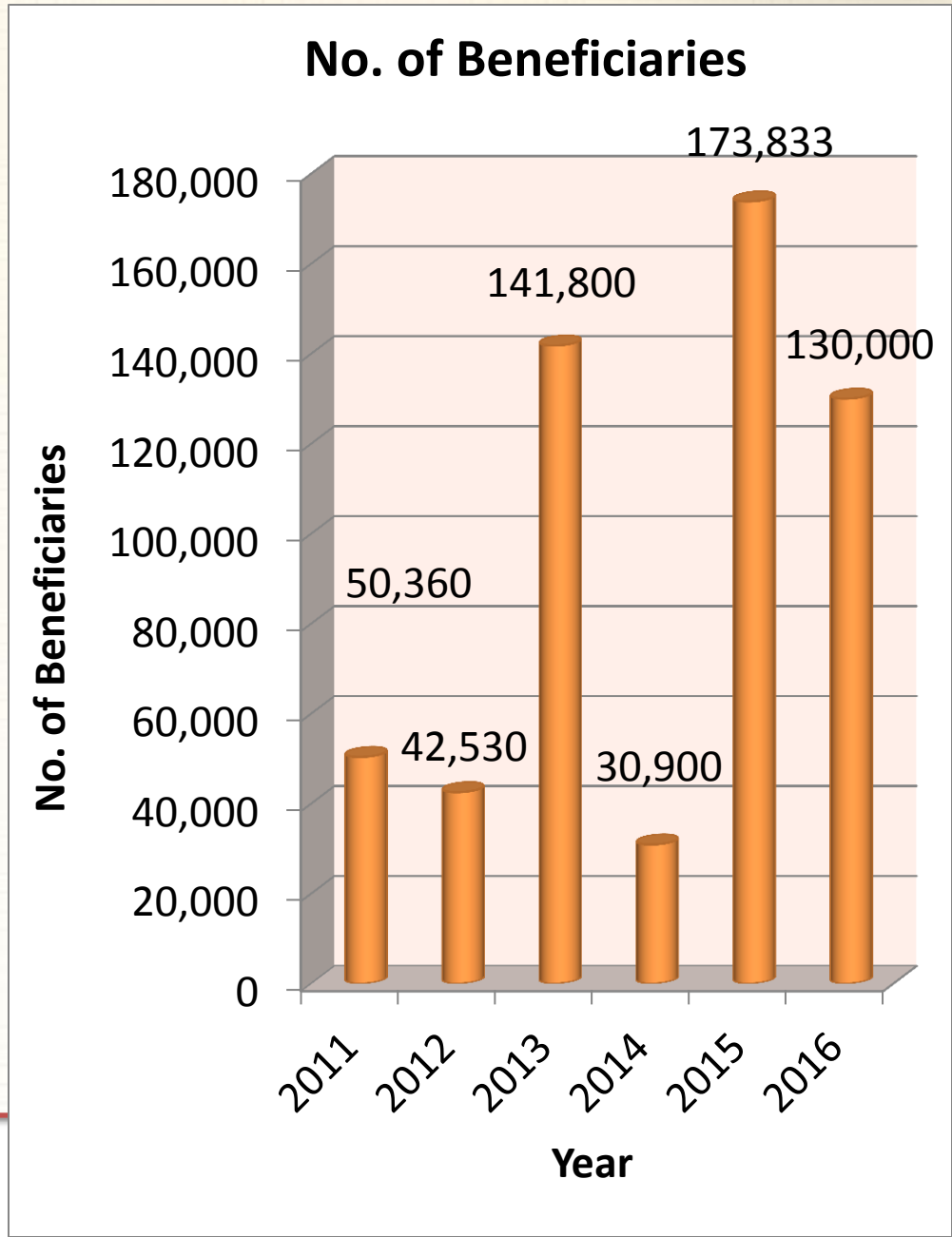
HELPING HAND
FOR RELIEF AND DEVELOPMENT

NUMBER OF SHALLOW WELLS in PAKISTAN (2011-2016)

YEAR / COUNTRY	2011	2012	2013	2014	2015	2016
PAKISTAN	361	145	180	235	206	214
Grand Total				**1,341**		

NO .OF SHALLOW WELLS VS NO. BENEFICARIES



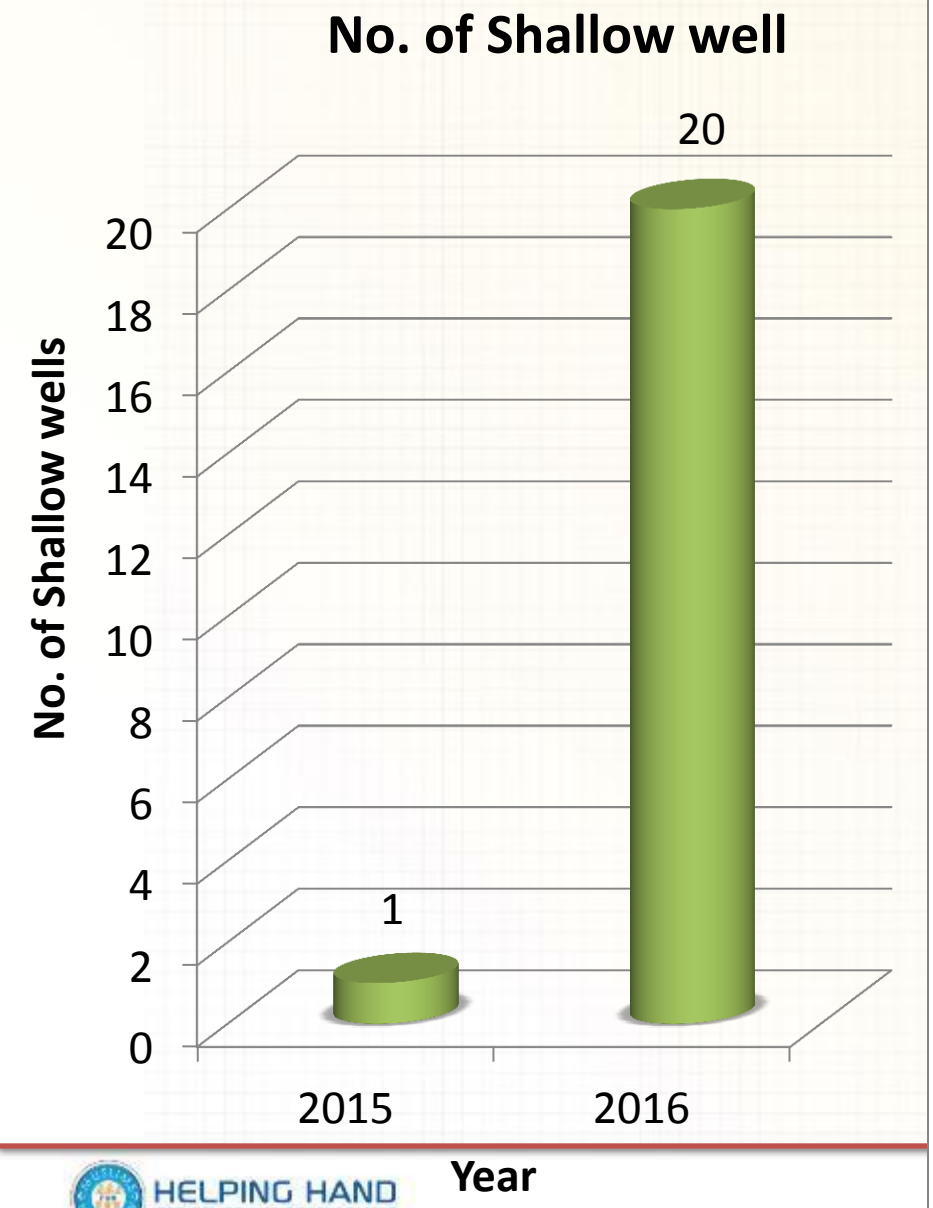


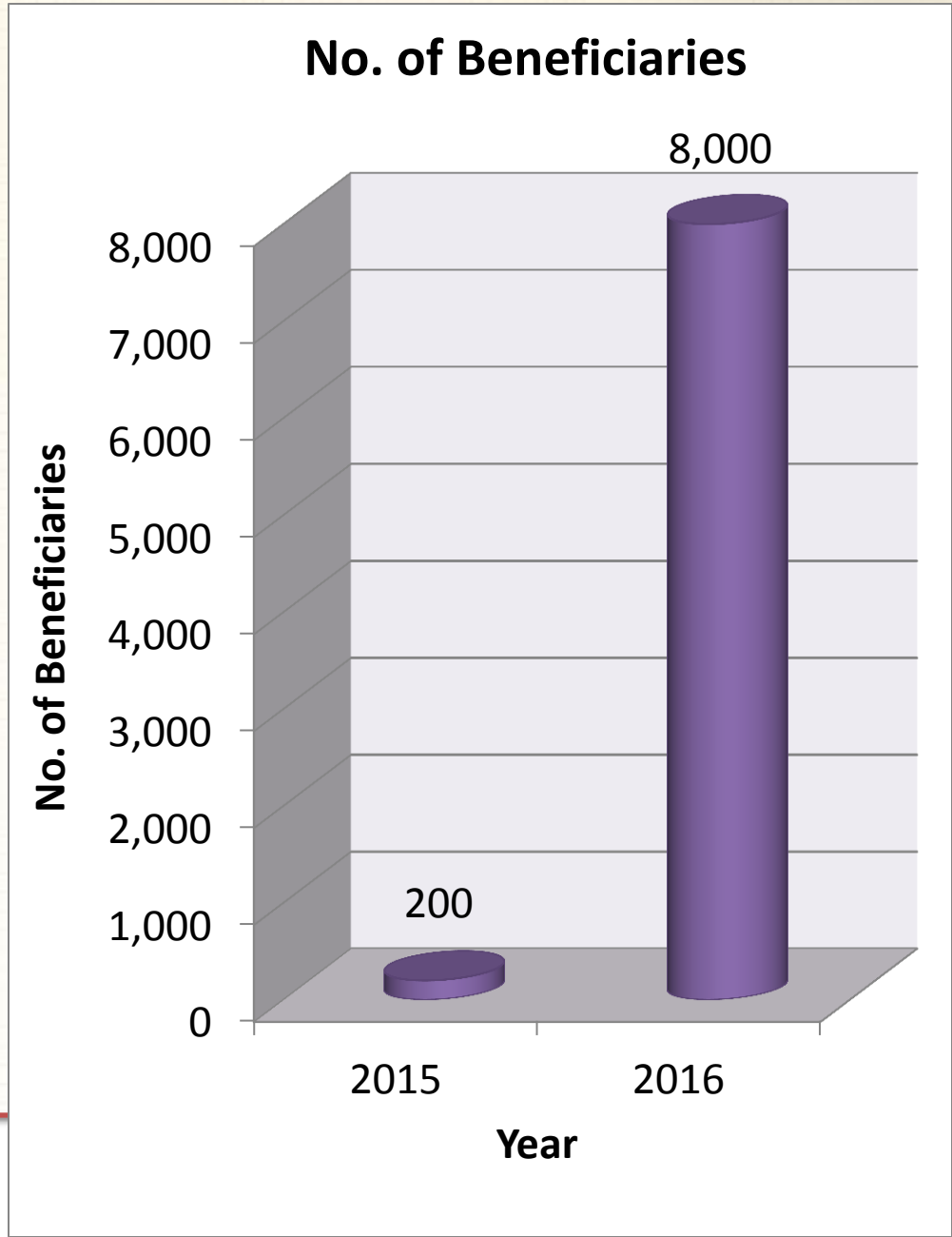
HELPING HAND
FOR RELIEF AND DEVELOPMENT

NUMBER OF SHALLOW WELLS in AFGHANISTAN (2015-2016)

YEAR / COUNTRY	2015	2016
AFGHANISTAN	01	20
Grand Total	21	

NO .OF SHALLOW WELLS VS NO. BENEFICARIES



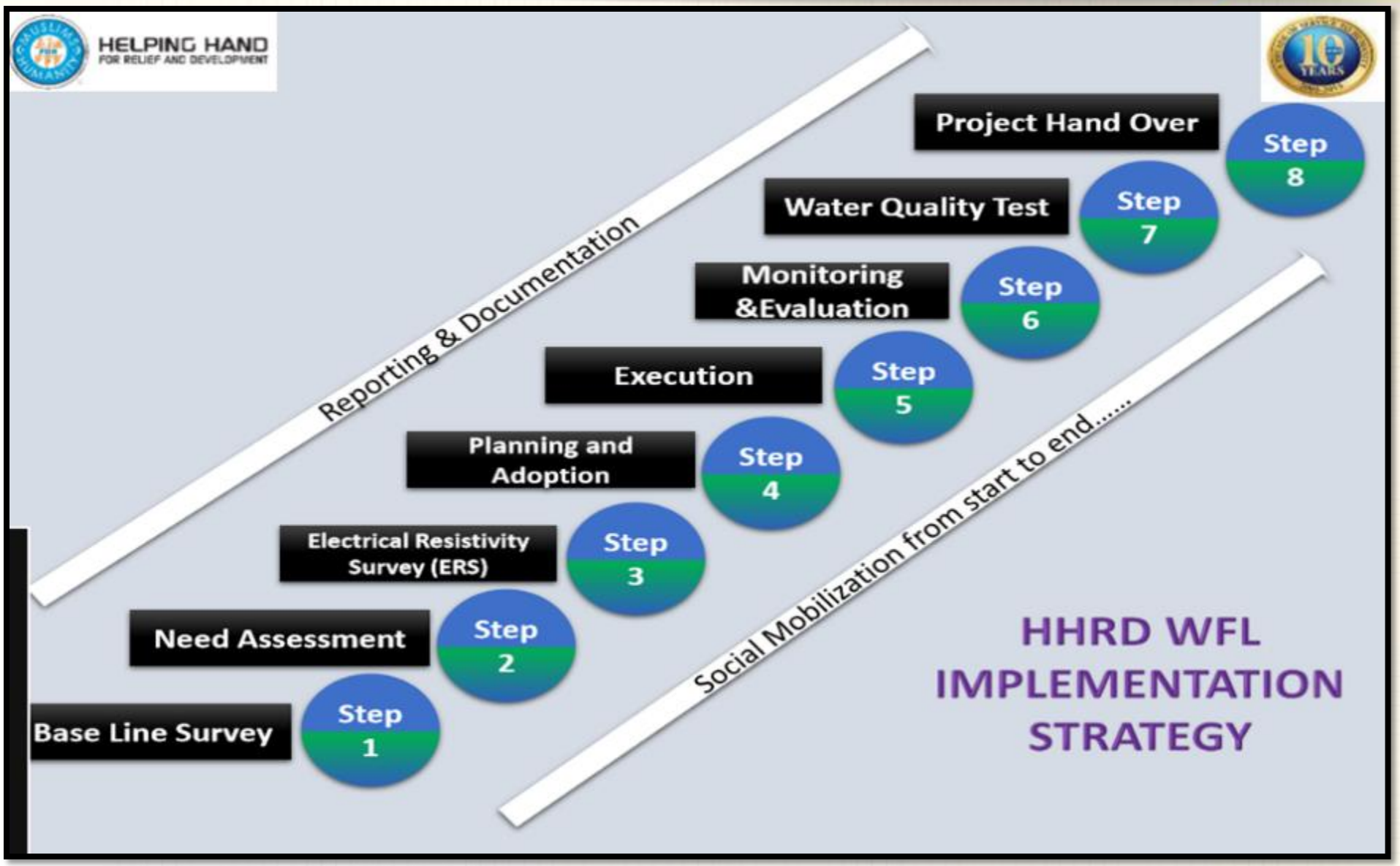


HELPING HAND
FOR RELIEF AND DEVELOPMENT

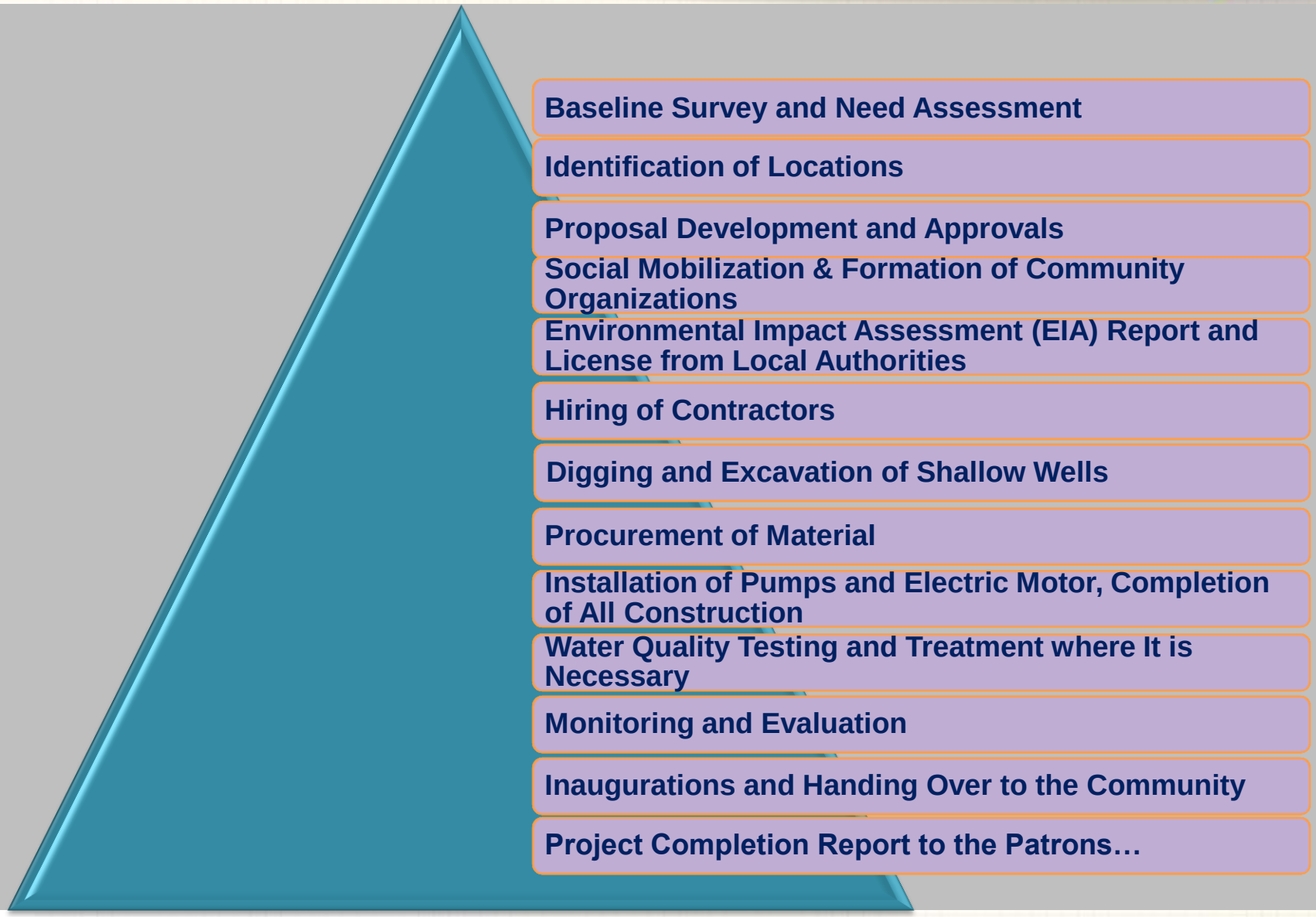
WFL & Water And Sanitation Hygiene Program

- Wells Program
- Water Pumps Program
- Water Purification Systems
- Emergency Relief Program
- WASH Program

- Water Treatment through Reverse Osmosis (ROs) and Ultra Filtration Plants (UFs)
- Hand Pumps (Affridev: Pakistan and Afghanistan)
- Submersible Pump with Water Storage Tanks
- Dug Well Project with a Pulley
- Shallow Wells with Affridev Pumps in Africa
- Drinking Water Supply Schemes (DWSS)


HELPING HAND
FOR RELIEF AND DEVELOPMENT
10 YEARS
Project Hand Over
Step 8
Water Quality Test
Step 7
Monitoring &Evaluation
Step 6
Execution
Step 5
Planning and Adoption
Step 4
Electrical Resistivity Survey (ERS)
Step 3
Need Assessment
Step 2
Base Line Survey
Step 1
Reporting & Documentation
Social Mobilization from start to end.....
HHRD WFL IMPLEMENTATION STRATEGY

AFRICA: PROCESS



Step 1 (Photos from Pakistan and Africa)

Base Line Survey

HHRD-team gets initial data regarding water related issues. Team gets survey in the targeted areas through participant observation.

Inquiring from community members, Govt. line departments and residents of the areas.

Step 2 (Photos from Pakistan and Africa)

Need Assessment

On preliminary basis, project team asses water need of the area.

While, considering the view points and water related issues, HHRD-WFL Program observe the vulnerability of local community and recommend the solutions.

Step 3 (Photos from Pakistan)

Electrical Resistivity Survey (ERS)

Before the construction/civil work of the project Electrical Resistivity Survey are supposed be successfully done.

In the outcome of this survey, water quality , ground water availability and depth is to be measured. HHRD team shares this ERS report for approval to the Head Office, before digging/civil work of project.

Step 4 (Photos from Pakistan)

Project Planning and Adoption of Locally Available Water Resources

If local water resources are available, HHRD adopts & try to use these resource. At this phase project specifications, comparisons and timelines are supposed be defined by the project implementing agency

HHRD team improves the access to water for everyone, by adoption of local available water resources. While, local drinking water resource are rarely available.

Step 5 (Photos from Pakistan and Africa)

Execution of the Project

Selection of IP/Hiring of contractor is to be done before project execution. Implementation team visits the project site, initiate the work with active participation of community & tries to complete the project within defined timelines.

HHRD addresses the problems of water scarcity, propose solutions and launches the projects to provide water in the severely affected areas of Pakistan.

Step 6 (Photos from Pakistan)

Monitoring and Evaluation (M&E)

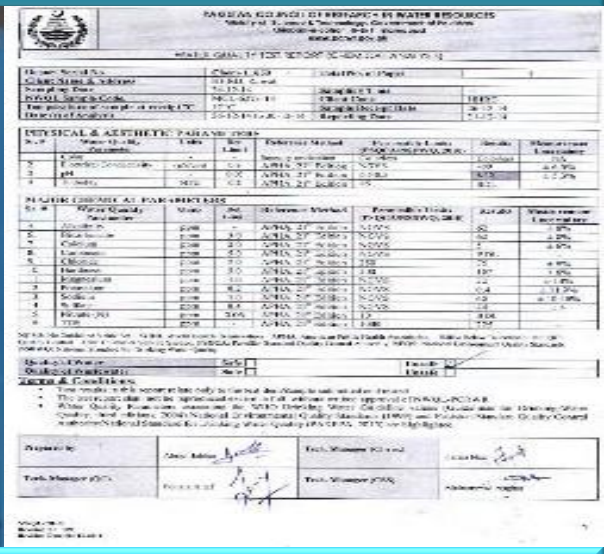
Either self-implementing project or project is done in coordination with IP. Its overall monitoring, evaluation & critical analysis is to be done by HHRD-M&E team.

Purpose of monitoring is to determine if the outputs, deliveries and schedules planned have been reached so that action can be taken to correct the deficiencies as quickly as possible.

Step 7 (Photos from Pakistan)

Water Quality Test

It is very crucial to analyze pre-post water quality tests for successful drinking water project implementation. A Pre water quality test determines chemical content in ground water. However, post water quality test is used to measure the quality of treated/filtered water.



Naturally available water comes in contact with various salts. Soil strata's encompasses large quantity of chemicals including; Calcium, Magnesium, Iron, sulphate, Nitrates, Phosphates and Oxygen. Water quality can no longer be taken for granted. There are many variables that come into play. HHRD doing these test from well recognize labs/institutes of Pakistan.

Step 8 (Photos from Pakistan and Africa)

Fixing Marble Plaques and Handing Over the Project to the Community

At this step marble plaques are affixed on the completed water projects, where the organization logo, location name, and the name of the donor are shown for beneficiaries' to make Dua for them…

Step 8 (Photos from Africa and Pakistan)

Fixing Marble Plaques and Handing Over the Project to the Community

At this step HHRD-team demonstrate the water project physically and handed over to the community, after a successful completion.

"We will always pray for Donors of HHRD and its: May ALLAH give you reward for this kind act…" **WFL's Beneficiary, Mehboob, District Tharparkar**

Cross Cutting Themes…..

Social Mobilization & Reporting

Social Mobilization from very beginning to completion of project, HHRD insure the active participation of community in every step of project cycle.

Overall Project Reporting to head office monthly, quarterly and annual basis: Donors received few projects on-going photos, and then the completion reports…

Pictorial

Wash and Hygiene (an Orphan washing his face)

Pictorial

Wash and Hygiene (an orphan child washing his hands properly)

Pictorial

Wash and Hygiene (an orphan brushing his teeth)

Pictorial

Water Supply Through Fire Engine During Thar Drought

Pictorial

Water Supply Through Trucks in Africa

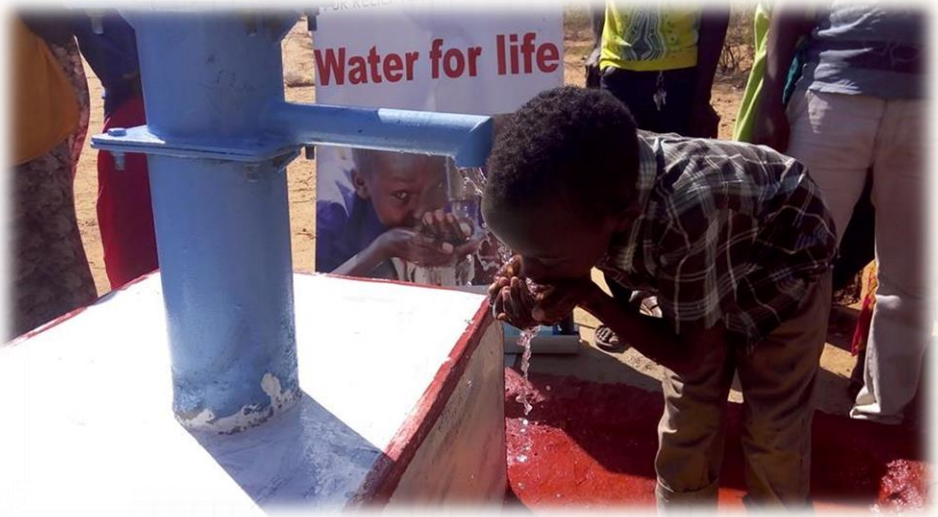
What and Where in Pakistan	Various Water Projects	Beneficiaries	Districts Covered	Status
Community Hand Pumps in AJ&K, Balochistan, and KPK	100	20,000	3	Started 2016 and Completed in 2017
Water Wells in Balochistan and KPK	50	16,250	2	Completed
Submersible Pumps in Balochistan and KPK	30	15,000	2	Completed
Gravity Flow Scheme in Gilgit Baltistan and AJ&K	20	10,000	2	Completed
Water Filtration Plants in Sindh	14	70,000	1	Completed
TOTAL	214	131,250	10	

Countries	Shallow Wells	Beneficiaries
Kenya	15	14,000
Somalia	15	14,000
Tanzania	15	14,000
Uganda	10	8,000
Total	40	50,000

1st Ever Project in Afghanistan (4,000 Beneficiaries)

First Ever Water Project in Afghanistan

Some of the Projects in Africa



Pakistan Significant Achievements / Highlights

Completion of 214 Projects with the Collaboration of AKFP (Al-Khidmat Foundation Pakistan)

Pakistan Significant Achievements / Highlights

WFL Projects Inaugurated by CD-HHRD & Director Operations in various parts of Pakistan.


SKYLARK ENGINEERING *for a future Pakistan*

Electrical Resistivity Survey (ERS) Report

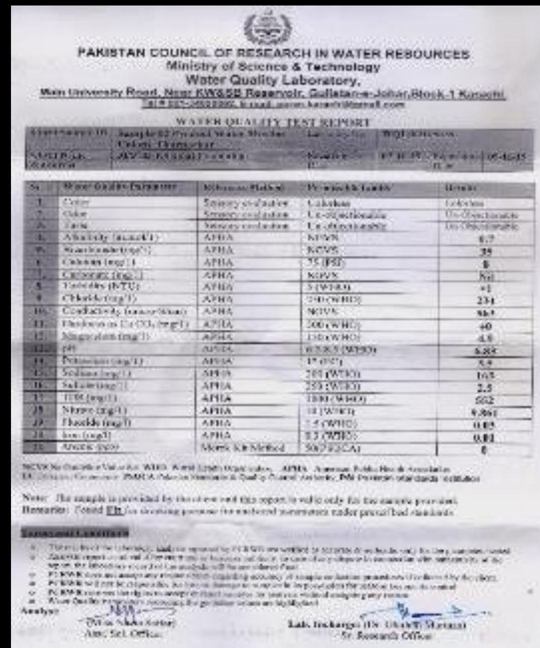
Report Sr. No	001	Location	Dhok Hassu Rwp
Client Name & Address	HHRD	Client Code	HH-SLE-01
Test Date	16-08-2015	Reporting Date	18-08-2015

LINE	A	Pure	Value 330	Depth 40m	Quantity 80%
LINE	B	Pure	Value 301	Depth 40m	Quantity 60%
LINE	C	Normal	Value 344	Depth 40m	Quantity 40%
LINE	D	Normal	Value 340	Depth 40m	Quantity 30%
LINE	E	PURE	Value 289	Depth 40m	Quantity 50%
LINE	F	Pure	Value 296	Depth 40	Quantity 60%

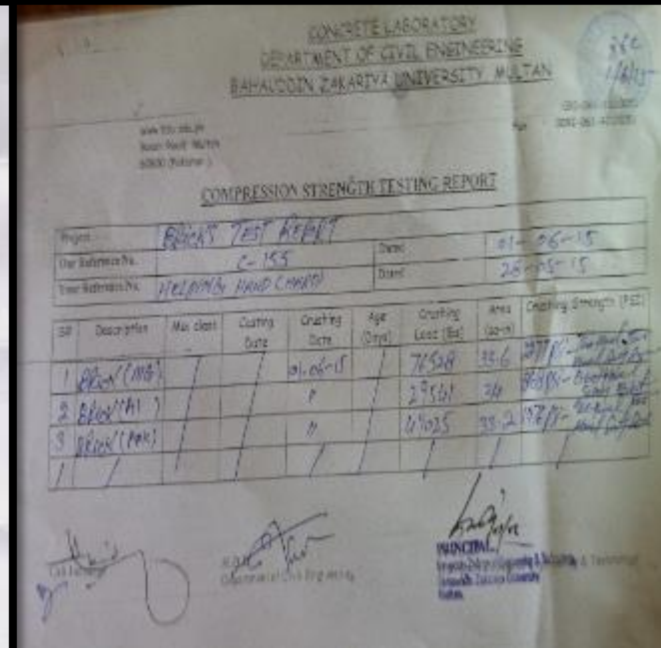
Machine indications:

- Less than320 means that"FreshWater"
- From 320 to 400 water is "Normal"
- Morethan 400 water is "Salty"
- More than 600 or seepage water means "No Water"

Test By	Checked By	Verified By	Verified By
Shahzad Khan	Nasir HHRD	Dr Sohail	Dr Imran


PAKISTAN COUNCIL OF RESEARCH IN WATER RESOURCES
Ministry of Science & Technology
Water Quality Laboratory,

WATER QUALITY TEST REPORT


CONCRETE LABORATORY
DEPARTMENT OF CIVIL ENGINEERING
BAHAUDDIN ZAKARIYA UNIVERSITY MULTAN

COMPRESSION STRENGTH TESTING REPORT

WFL has ensured the water quality in WFL projects through Electrical Resistivity Surveys, Pre & Post water quality tests from PCRWR and Material test from recognized Labs.

Water For Life Program of HHRD has improved access to clean drinking water and hygiene provisions to more than 952,000 people in 2016: You can become part of this Noble Task, and Earn the Immense Blessings from Allah SWT, as HHRD endeavors to reach out to almost Half a Million people in 2017…

HELPING HAND
FOR RELIEF AND DEVELOPMENT

Water For Life
PROGRAM

2017

Refinement and Effectiveness

Targets for Various Countries for 2017

Countries	Number of Projects	Beneficiaries	Funds Needed
Pakistan	250	153,400	$1,171,000
Afghanistan	20	8,000	$70,000
Kenya	09	10,000	$45,000
Somalia	10	11,000	$50,000
Tanzania	16	17,000	$80,000
Uganda	05	6,000	$25,000
Total	310	205,400	$1,441,000

Helping Hand For Relief & Development

WATER FOR LIFE &

WATER AND SANITAION HYGIENE PROGRAMS

HOW YOU CAN PARTICIPATE…

VISIT OUR WEBSITE

www.hhrd.org

Newsletter Signup

Web-Link to Donate for Water Projects:

https://hhrd.org/donate?proid=20

CONNECT:

Follow us on:

Helping Hand For Relief & Development
MATCHING GIFT PROGRAM

DOUBLE your Support…

- Your corporate employer may match your donation.
- With the Matching Gift Program, your donation can be at the maximum doubled.
- Currently 200+ companies match their employees donations with HHRD, and your if not in our system can get registered.

How can you participate?

You can either mail to 21199 Hilltop Street, Southfield, MI 48033, USA, a Check or Money Order in the name of "Helping Hand For Relief & Development", or donate using credit card or bank information at specific web-link on HHRD.Org website:

https://www.hhrd.org/water

On-Line in the Comments Section, or when sending the Check / Money-Order, write a note on a piece of paper mentioning which project you want to sponsor (see the next slide), in whose name is the project being done, so as to prepare the proper marble plaque, and mention in the note that the In-Charge of HHRD USA WFL & WASH be informed about your donation: Please call 1.832.275.0786 for more information on the exact location and projects availability…

WATER PROJECT TYPES AND COUNTRIES	PRICE
AFRICA: Shallow Well With Affrediv Pump (Somalia / Kenya / Uganda / Tanzania)	$5,000
AFGHANISTAN: Shallow Well With Affrediv Pump	$3,500
PAKISTAN: Shallow Well With Affrediv Pump	$1,500
PAKISTAN: Dug Well Project	$2,500
PAKISTAN: Submersible Pump with Water Storage Tank	$3,000
PAKISTAN: Water Gravity Scheme (In Hilly Areas)	$4,500
PAKISTAN: Water Filtration Plant	$28,500

FOR MORE INFORMATION AND FAQs ABOUT WFL, GO TO: WWW.HHRD.ORG/WATER

Thanks: HHRD Patrons

جزاكم الله خيرا

Jazak Allahu Khair

Water For Life
PROGRAM