



World Vision's Campaign
FOR EVERY CHILD

**WATER, SANITATION, AND HYGIENE
IN NIGER**

October 2012–September 2013 Report

Prepared January 2014



WATER, SANITATION, AND HYGIENE

NIGER

Program Update

Fiscal Year 2013 Progress Exceeded Target

162,909
people provided with access to clean drinking water since the beginning of the project, including 89,109 during fiscal year 2013.



238 *new and rehabilitated wells and water points*



FY13 Target: 240



1,280 *sanitation facilities built*



FY13 Target: 1,520



170 *hand-washing facilities built*



FY13 Target: 20

Program Summary

With the partnership of donors like you, the Niger WASH Program is significantly improving child well-being by enabling families and communities to achieve sustainable access to safe water and improved sanitation facilities, and to practice good hygiene. This will reduce the transmission of preventable WASH-related diseases like typhoid, cholera, and pneumonia, which are major contributors to illnesses among children in rural Niger.

During the last half of fiscal year 2013 (March 2013 through September 2013), there was a significant increase in the number of boreholes drilled and water points provided—135 versus 103 during the first half of the year. Six communities reached the milestone achievement of being declared Open Defecation Free. As of September 2013, the Niger WASH Program has reached 36 percent of its goal for providing people with clean water.



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Goal and Outcomes



SIX-YEAR GOAL:

Provide access to clean drinking water for

450,000 PEOPLE

EXPECTED OUTCOMES



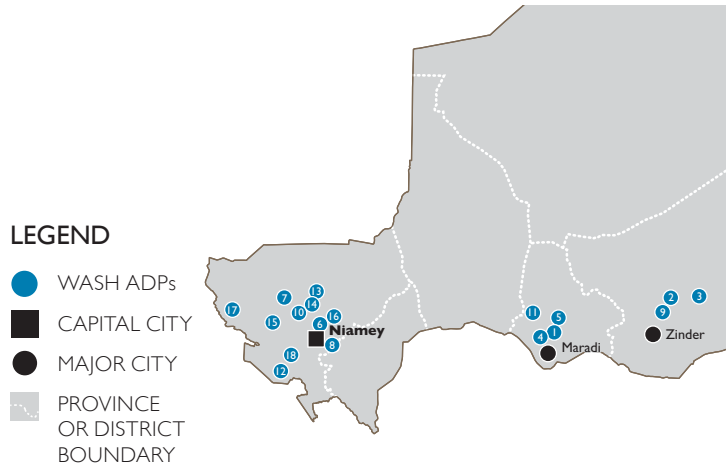
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OUR STRATEGY

World Vision focuses on partnering and community engagement as we bring clean water and improved sanitation to people around the world and help create fullness of life for children in need. We care about water, sanitation, and hygiene (WASH) because more children die from illnesses caused by unsafe water as well as poor sanitation and hygiene than almost any other cause. World Vision is now the largest nongovernmental (NGO) provider of clean water in the developing world—reaching one new individual with clean water every 30 seconds. We are investing \$400 million to address the global water crisis and reach 7.5 million people over six years.

Niger

This map shows World Vision WASH program areas in Niger

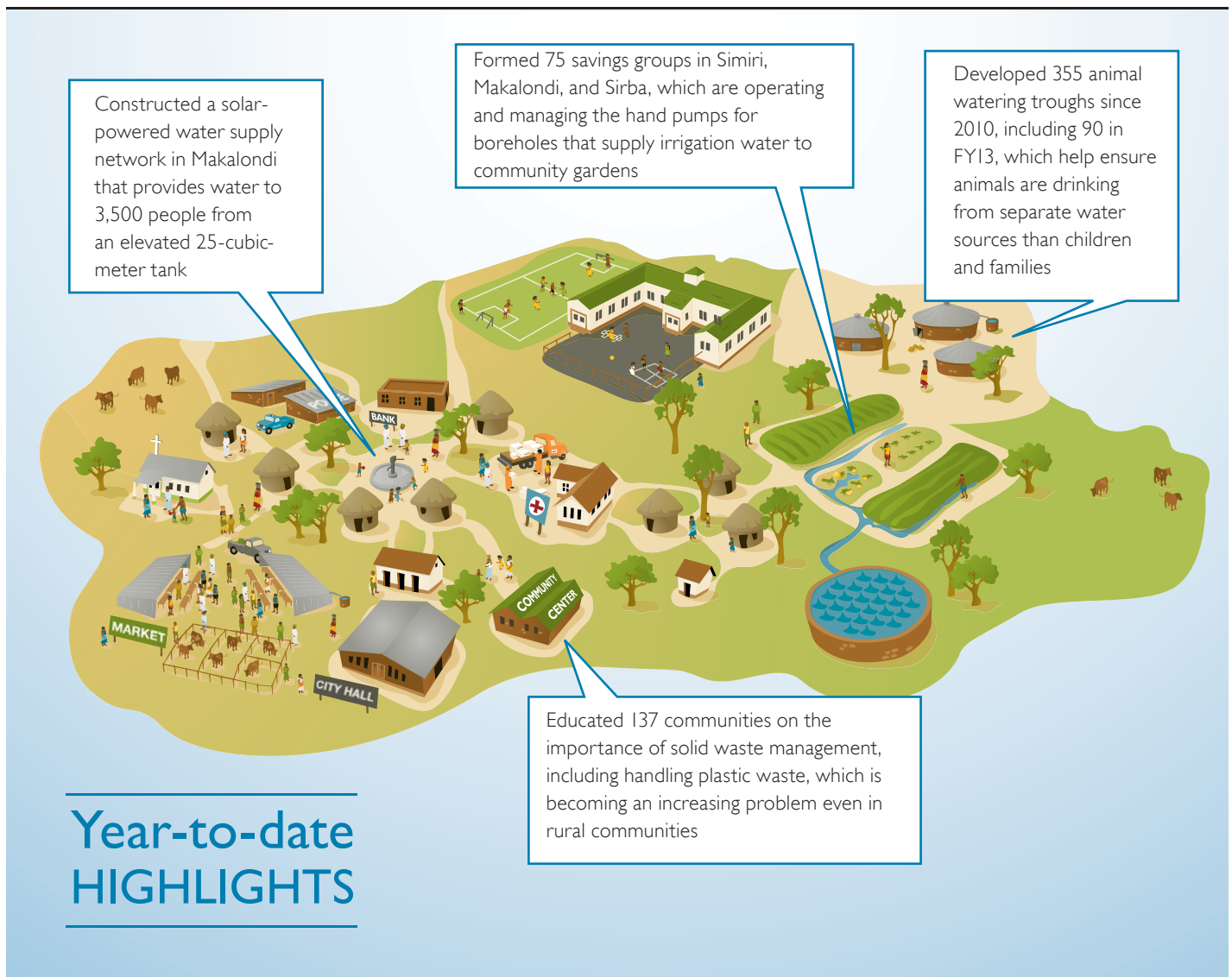


LEGEND

- WASH ADPs
- CAPITAL CITY
- MAJOR CITY
- PROVINCE OR DISTRICT BOUNDARY

AREA DEVELOPMENT PROGRAMS

- | | |
|--------------------|-----------------|
| 1 CHADAKORI | 10 KOMABANGOU |
| 2 DAMAGARAM TAKAYA | 11 KORNAKA WEST |
| 3 GAMOU | 12 MAKALONDI |
| 4 GOBIR YAMMA | 13 OUALLAM |
| 5 GOULBI N'KABA | 14 SIMIRI |
| 6 HAROBANDA | 15 SIRBA |
| 7 ISAME | 16 TALLADJE |
| 8 KARADGE | 17 TERA |
| 9 KASSAMA | 18 TORODI |



World Vision is partnering with Messiah College and the aid organization, Samaritan's Purse, to provide access to safe water and sanitation infrastructure for people with disabilities. This includes providing tools for handling water containers and chairs adapted for use with latrines. World Vision also partnered with Samaritan's Purse and the Ministry of Water and Sanitation to distribute 7,520 cartons of Proctor & Gamble Purifier of Water packets provided by the Niger WASH Program.

LEARNING CENTER ACCOMPLISHMENTS

The West Africa Regional Learning Center supported strategic planning, operational and financial management, and monitoring of WASH activities in the region. Key accomplishments during FY13 include:

- Four hundred water samples were tested against World Health Organization drinking water standards and repaired five arsenic removal plants.

The water quality lab also tested three types of household water treatment technologies to understand which are best suited for rural West Africa.

- The learning center hosted a trainers workshop on Water4's low-cost manual drilling technology. At a fraction of the cost of a deep well, this approach enables World Vision to bring clean water to more people. The Desert Research Institute of Reno, Nevada, is helping to identify appropriate drilling sites.
- The learning center is managing field research projects with Messiah College. Through the India Mark II Sustainability Study, critical pump failures were identified and promising solutions designed. Messiah College also held leadership trainings on WASH access for people with disabilities in Niger and Ghana. Field visits were conducted after the trainings to discuss the local manufacture of disability-adapted WASH facilities.

Intervention	FY13 Achieved	Life-of-Program Target	Program-to-Date Achieved
OUTCOME 1: Access to safe water			
Activities			
1 Successful boreholes or shallow wells	152	792	344
2 Successful water points from mechanized wells, springs, rainwater harvesting, and other systems	72	119	77
3 Nonfunctioning water points rehabilitated	14	255	88
4 Schools mobilized for water-related activities	101	286	307
5 Families empowered to treat water at the household level	2,150	11,270	4,740
OUTCOME 2: Access to improved sanitation			
Activities			
1 Communities trained in sanitation benefits and technologies	111	600	215
2 Improved sanitation facilities constructed by community members	847	17,271	246
3 Improved household or public sanitation facilities built or subsidized by World Vision	433	7,786	1,455
4 *Improved sanitation facilities in schools and health clinics built or subsidized by World Vision	0	120	42
5 Communities certified as free from open defecation	6	220	0
OUTCOME 3: Improved hygiene practices			
Activities			
1 Communities trained in hygiene practices, benefits, and technologies	107	592	237
2 Schools trained in hygiene practices, benefits, and technologies	154	207	204
3 Hand-washing facilities distributed by World Vision	170	234	180
OUTCOME 4: Community capacity building to sustain WASH interventions			
Activities			
1 Water committees formed or reactivated	106	616	247
2 Capacity-building efforts to ensure access for the most-vulnerable community members	0		0
3 Communities trained in pump maintenance and repair	119	570	169

*Previous reports incorrectly grouped household and institutional latrines together. We are now tracking these separately, and have corrected the numbers to ensure accuracy.

You may notice that these targets are slightly higher than ones mentioned in previous offers and reports. This is because World Vision WASH programs in each country have now set six-year targets, which are reflected here.



A woman from Moa village in Damagaram Takaya ADP practices using P&G Purifier of Water packets. These packets clarify water of particulate matter and destroy bacteria and pathogens that lead to disease.

ALTERNATIVE WATER TREATMENT

In some situations, geological constraints prevent drilling boreholes to provide clean water, and communities must continue to rely on surface water. In these areas, World Vision provides alternative water treatment methods such as ceramic filters that strain out contaminants. During FY13, 70 training sessions were held on treating water to make it safe for drinking, and 287 ceramic filters were distributed to households in Isame and Kasama, providing sustainable access to clean water for 2,009 people.

For communities impacted by emergency situations, such as flooding, families are often at risk of cholera or other diseases. In these situations, World Vision provides P&G Purifier of Water packets that effectively treat contaminated water to make it safe to drink. During FY13, 15,050 people affected by flooding in Damagaram Takaya, Ouallam, and Makalondi received these packets to protect themselves from cholera.

Globally, World Vision reaches a new person with safe water every 30 seconds.

Long-Term Impact

WASH committees, comprised of community volunteers, exist to ensure the long-term sustainability of WASH facilities.

Fiscal Year 2013 Progress



106 WASH committees formed



FY13 Target: 108



119 communities trained in pump maintenance and repair



FY13 Target: 108

Community ownership and emphasis on well repair and maintenance has been successful in creating water sources that continue to flow long after we leave. Our track record is unparalleled—the vast majority of our wells are still operational after 10 to 15 years. Training WASH committees who take responsibility for operating water points and using a fee-collection system to pay for repairs is an integral part of our Niger WASH Program.

WASH committees learn monitoring and accounting skills, which allow them to set appropriate fees, plan and budget for water system repair and maintenance, and responsibly manage the funds received. In addition, World Vision trains community members to maintain and repair water pumps, ensuring that water supply systems continue to function. Since the beginning of the program, 383 pump maintenance volunteers have been trained, and 105 pump repair technicians have been trained and equipped with repair and maintenance tools.

Lessons Learned

Flooding: Many communities were affected by heavy rain and flooding during the reporting period, with food and crop damage impacting community resilience. Villages flooded in Ouallam, Simiri, Makalondi, and Damagaram Takaya ADPs. A rapid appraisal was carried out to assess damage to potable water sources, sanitation facilities, and shelters. Many recommendations and practical solutions were identified based on this assessment. In addition, some areas are inaccessible during the rainy season, and the program had to plan around those times for borehole development.

Drilling and equipment: The two new rigs arrived late in the year and caused a shortfall in drilling

during Quarter 2 and Quarter 3. Another challenge was insufficient time for equipment maintenance, and subsequent equipment breakdown. The heavy rig, the portable rig, and compressors have experienced breakdowns during the past year. The Syscal unit also broke, which required the team to rely on an old terrameter to carry out the geophysical surveys for most of the year. To resolve these challenges, we have planned to organize the maintenance and repair of vehicles and equipment at the start of the fiscal year. Also, purchase of parts and lubricant will be conducted very early in the year to enable the continuity of maintenance at the time of drilling.



World Vision is a treasure of an NGO.”

—Former President Bill Clinton

“Crazy” Project Brings Hope to Family

The other villagers thought Adam Dala’s project was a little crazy. At first, Adam wasn’t too sure about it himself. But when he measured the amount of spillover water available from the village’s new borehole, he realized that water could be put to use and not wasted.



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Adam, a hard-working community volunteer who is trained in latrine construction and pump repair, decided that a little extra work could turn waste water into productive use. He built a 60-foot-long channel to carry the excess water spilling from the borehole pump to a small reservoir. Having water readily available in the reservoir enabled him to irrigate plant beds where he was nurturing acacia and moringa seedlings.

A local government agency purchased the acacia tree seedlings for an environmental project, and the moringa seedlings also sold easily because of the plant’s high nutritional value.

With the \$1,800 he earned from his nursery enterprise, Adam purchased a donkey, three goats, and four sheep. He was also able to purchase

needed school supplies and pay school fees for his five children in primary school.

Having easy access to water for drinking, washing, and irrigation has changed the life of Adam and his family. In past times of drought and poor harvests, his only option to earn enough to feed his family was a risky journey to Nigeria to work as a day laborer, leaving his wife and children behind.

Those who once thought Adam’s idea was crazy now admire his entrepreneurship. Adam said, “I realized how important it is trying to put ideas into practice. Many who found the idea very funny want to do the same today.”



Many thanks for World Vision who provided our community with a borehole and helps me in this initiative. My life has changed a lot, and I feel stronger and safe. May God bless you.”

—Adam Dala, Marassagui, Niger

Financials

SUMMARY

Fiscal year spending expressed as a percentage of fiscal year 2013 budget

ACCESS TO SAFE WATER



SPENT \$1,740,582 (118%*)

FISCAL YEAR BUDGET \$1,481,068

IMPROVED SANITATION & HYGIENE



SPENT \$1,386,450 (43%)

FISCAL YEAR BUDGET \$3,235,706

* World Vision is in the process of revising our WASH budget alignment. Underspent funds have been reallocated this year toward overspent categories.

PROGRAM SPENDING

Activity Description	Fiscal Year Spending	Fiscal Year Budget	Program-to-Date Spending
Access to Safe Water			
Drill 800 wet wells	\$25,182	\$517,973	\$141,134
Develop 160 well sites per year	\$961,464	\$383,289	\$4,270,780
Mechanize eight high-yield wells	\$17,607	\$285,613	\$57,878
Construct two rainwater-harvesting systems	\$32,146	\$11,018	\$409,158
Rehabilitate 50 wells per year	\$175,229	\$119,195	\$830,648
Train 200 pump maintenance volunteers	\$475,022	\$8,240	\$2,405,612
Train 30 pump repair artisans	\$53,626	\$0	\$53,626
Train 200 gender-sensitive WASH committees	\$301	\$0	\$301
Train 2,000 out-of-school children in WASH	\$4	\$0	\$598
Construct small-scale dam	\$0	\$0	\$1,491
Construct pond	\$1	\$91,964	\$1
Establish five garden sites	\$0	\$17,651	\$0
Organize womens groups for WASH product commercialization	\$0	\$5,042	\$0
Organize 10 artisan groups for WASH services	\$0	\$3,493	\$0
Train local elected representatives, government agencies, and key players	\$0	\$3,642	\$1,298
Develop stakeholder partnerships	\$0	\$16,053	\$0
Develop public-private partnerships	\$0	\$17,896	\$0
Improve Sanitation and Hygiene			
Construct 1,800 household demonstration latrines	\$456	\$257,680	\$45,614
Construct 34 institutional latrines	\$360,212	\$138,695	\$361,533
Educate community members on appropriate health and hygiene behaviors	\$13	\$32,805	\$36,988
Educate and train teachers on the prevention of waterborne and water-related diseases and behavior change	\$11,137	\$16,712	\$11,194
Educate and train children on the prevention of diarrhea, Guinea worm, trachoma, and malaria	\$0	\$17,227	\$2,400
Community members practice appropriate health and hygiene behaviors	\$30	\$24,524	\$8,439
Teachers and schoolchildren practice appropriate health, hygiene, and sanitation behaviors	\$0	\$36,390	\$0
Total	\$2,112,430	\$2,005,101	\$8,638,693
ADP/Other Sources	289,653	2,711,673	852,870
Other support office WASH funding	724,949		1,407,519
Subtotal	1,014,602	2,711,673	2,260,389
Total Net	3,127,032	4,716,774	10,899,082
Quality Assurance	147,870	140,357	604,709
Management and Fundraising	565,075	536,365	2,310,851
Total Overhead	712,945	676,722	2,915,560
TOTAL	\$3,839,977	\$5,393,496	\$13,814,641

Fiscal year 2013 = October 2012–September 2013 The Life-of-Program Budget now reflects a six-year program budget.



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World Vision is a Christian humanitarian organization dedicated to working with children, families, and their communities worldwide to reach their full potential by tackling the causes of poverty and injustice. Motivated by our faith in Jesus Christ, we serve alongside the poor and oppressed as a demonstration of God's unconditional love for all people. World Vision serves all people, regardless of religion, race, ethnicity, or gender.