
JDA
Joint Development Associates International
2013 Annual Report

Provinces of Project Activity



Joint Development International Associates

is a non-profit organization that focuses on integral community development education, health services and humanitarian aid.

Vision

JDA engages with the people of Central Asia in a spirit of humility and respect. We are a catalyst encouraging individuals to believe in their potential to be change agents of their own lives and to conceive and actualize their own vision of the future for themselves and their families and communities.

Mission

JDA believes that all people have unlimited creativity and potential for transformation. In that spirit, JDA joins with the people and communities of Central Asia in developing holistic solutions that affect fundamental progress toward a more equitable society. We support locally integrated solutions in community development, education, health and in economic growth.

A message from the President ...

Respected Friends and Partners of JDA

In 2013 we concluded a three year agriculture program which was funded by USAID and in partnership with ACDI-VOCA. This program was really the culmination of more than eight years of agriculture development using two-wheel tractors first imported by JDA in 2005. During this three-year program more than 7,000 farmers were involved in more than 34,000 trainee days, bringing at least 17,000 hectares into improved cultivation, resulting in economic increases of $2,250,000 per year.

Challenges remain in doing any development program in any developing country. What an outsider may consider a small change or investment, can be a huge risk, commitment or undertaking for a particular individual. Many individuals will decide over the course of a season or two to fully assess if new technologies are sensible, wise and/or simply necessary.

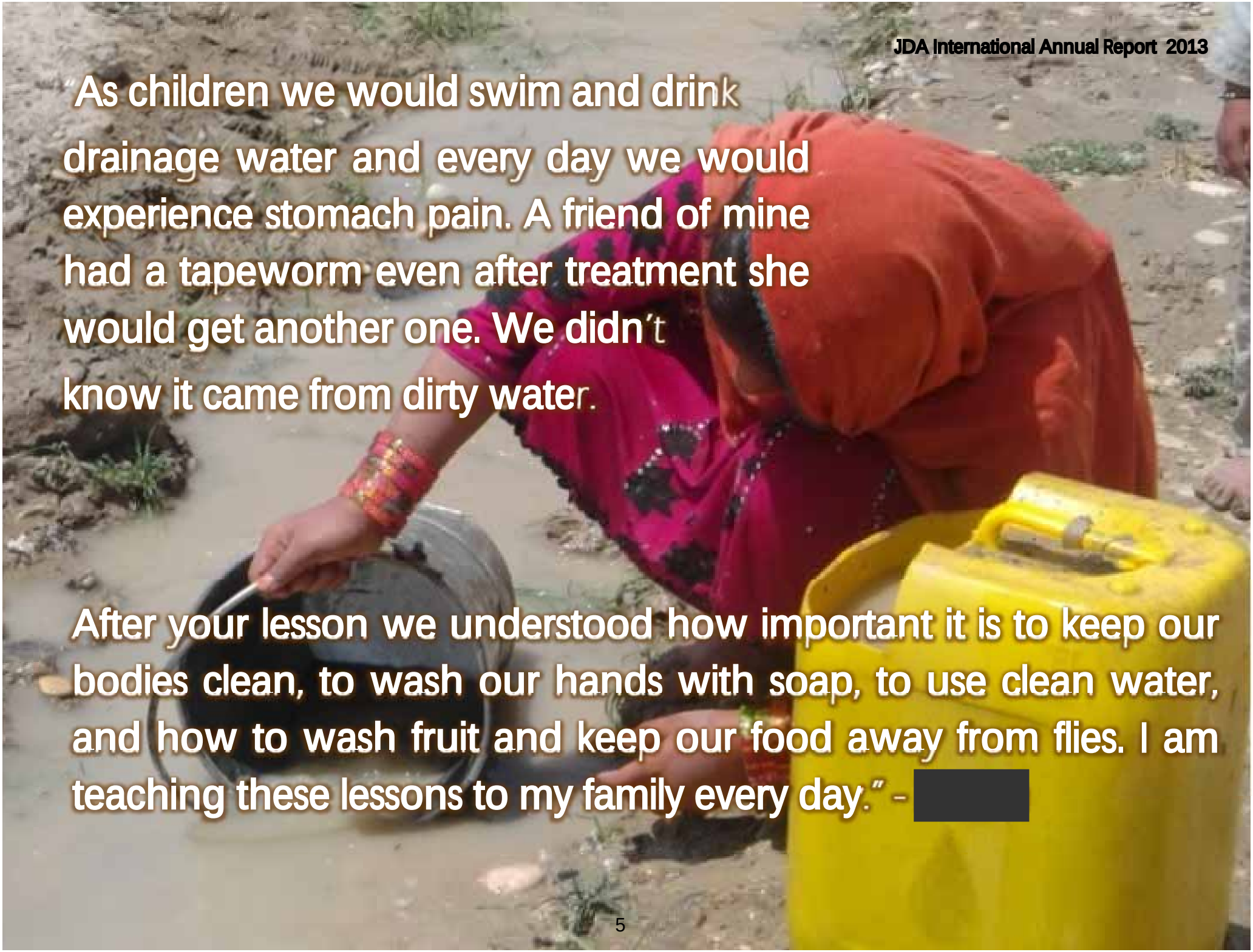
Our WASH/BliSS program has grown in size and scope as we added more staff and additional villages. As women become educated in sanitation and hygiene and birthing skills, they tell their friends about what they have learned. We continually are asked to "please come to our village, we want to learn also." We were surprised by the speed of change in the communities and drastic reduction in diarrheal diseases as the result of our training both men and women.

I am often asked about the risk of working in Afghanistan? Yes, there is risk, but regardless and in spite of the risk the country is developing, business is thriving, and people are changing. Being a development practitioner requires vision and a sense of destiny, and I believe this is what each of our staff possess, as together we shape the history of this magnificent land.

Sincerely



Robert C. Hedlund



"As children we would swim and drink drainage water and every day we would experience stomach pain. A friend of mine had a tapeworm even after treatment she would get another one. We didn't know it came from dirty water.

After your lesson we understood how important it is to keep our bodies clean, to wash our hands with soap, to use clean water, and how to wash fruit and keep our food away from flies. I am teaching these lessons to my family every day." - [redacted]

WASH/BLiSS



The Water, Sanitation, Hygiene (WASH) and Birth Life Saving Skills (BLiSS) programs were established to train and empower women and men to improve their health practices through hygiene, sanitation, and maternity education. The program also focuses on providing safe potable water sources to villages. One of the casualties of war has been the infrastructure that supplies the people with a clean water source. Only 27% of Afghanistan's population has access to improved water sources and 5% has access to improved sanitation facilities. Geographical constraints and the lack of education on clean water and sanitation also adds to the problem.

In partnership with three other organizations, JDA started the 3-year Comprehensive WASH/BLiSS Program that aims to increase the availability of water in rural Afghan villages. JDA's WASH program is an Afghan-led solution to a local and very urgent problem, which once addressed, has enormous life-changing impact on child mortality and family health. We have been working with huge success in 10 villages in Balkh province in Northern Afghanistan. Our integrated approach includes: well construction and repair, biosand filter production and promotion, and hygiene trainings for men and women as well as school children. Woman attend BLiSS training to better educate themselves on the birth of their babies and the importance of going to a clinic. So far, 1,923 women have been trained in the WASH Program and 508 in BLiSS practices.







Well Drilling

Drilling a well can be complicated with unknowns. This spring and summer, our drillers encountered favorable soils, making their work easier and under budget.. As of December 31, 2013 a total of 13 wells were completed in ten villages of Northern Afghanistan: Mashi, Yulmarab, Zambukan, Negari, K. Neshing, Balkh Kochi, Chilgazi, Baba Yadgar, Faqir Abad, and Yakatoot. Each well averages 52.6 meters in depth , ranging from 38 meters to 70 meters. The average cost per water point was $2,357. Each water point provides water for an average of 84 families or 519 people. Men have received training in hand pump repair, allowing them to keep hand pumps in good working condition.







Progress...

Water Wells for 2013

Village	Village population	Number of Families	Number of Families per Well	Number of Persons per Well	Direct Well Cost
Mashi	1680	280	40	240	$3,235
Yulmarab A	3900	550	183	1300	$2,049
Zambukan	1920	320	46	274	$3,410
Yulmarab C	3600	600	150	900	$2,062
Negari	1800	300	100	600	$3,235
K. Neshing	1200	200	50	300	$1,184
Balkh Kochi	1200	200	33	200	$1,332
Chilgazi	540	90	90	540	$1,808
Baba Yadgar	600	100	50	300	$2,617
Faqir Abad	2700	450	450	2700	$3,425
Yulmarab E2	1260	210	210	1260	$2,854
Yulmarab B	480	80	40	240	$1,343
Yakatoot A	900	150	50	300	$2,096

Goal Vs Actual

Goals	3 Year Goal	First Year Accomplished
Increase Available Water		
New Well Construction	*14*	*13*
Hand Pump Repair Training	*20*	*8*
Repaired Hand Pumps	*4*	*4*
Hygiene & BLiSS Training		
Women WASH	*2500*	*1923*
Women BLiSS	*2500*	*508*
WASH Men	*0*	*200*
School Children	*4000*	*1000*
Total Beneficiaries		**22,533**



JDA is pioneering an innovative approach to teaching young children basic hygiene practices.

Schools in two local villages hosted a program using a puppet show and other visual aids for children in the 1st through 4th grades. This kind of program was the first of its kind in the history of Afghanistan, and children and teachers alike enjoyed the presentation.



Students watched and listened to the story of a girl who got sick because she was eating unwashed fruit, didn't wash her hands and her home was not clean. Children learned from a speaking microbe puppet and understood how it came from a dirty environment, especially latrines. They leaned from the fly puppets how germs can spread.

1000 School Children Trained in WASH Program

Agriculture

JDA's agriculture team is still working alongside farmers and bringing them innovative ideas for farming as part of the IDEA NEW Project which is funded by USAID. The IDEA NEW Project also provides training for farmers and their new 2-wheeled tractors. The various courses introduce farmers to improved agronomy options ranging from seed selection to treatment, to mechanized harvesting and marketing primarily for wheat-based systems. Other sessions components are covered in separate intensive courses where farmers are given targeted training on a special interest subject. Courses aid uptake of technologies by developing consensus, an important aspect for any type of technology adoption. The basic agronomy and other courses are utilized to help introduce farmers to 2WTs but they also deliver a more ready client base for adopters, facilitating more rapid business development for new owners.

Basic agronomy and appropriate mechanization courses are an important introduction to 2WTs, developing consensus about the value of the equipment and feeding farmers into the sales and training part of the project. Adopters gain confidence that their neighbors have also seen the results at the basic agronomy courses and will therefore be clients.

Farmers paid 50% of the retail price for the basic unit or reaper, and 35% for the seeder. Trailers can be made in country and are in demand from new 2WT owners: a number of local workshops are making implements for 2WTs in their communities.

The 2WT is very different from using oxen or 4WTs, and very few farmers are sure about its benefits until they have seen a full season of use; most need to see it operate for several years.

Training sessions have been successful throughout the past year with great attendance.













Staff Field Day Instructions

Field Day 1: Land Preparation and Sowing

Crop Establishment

At the first field day you will be establishing a rapport with participants, introducing project hopes and objectives of the program, and learning more about the specific participants and environment that this site is on. The technical content of this field day is all about working towards good crop establishment, vigorous, rapid, and full establishment is critical to achieving high and consistent yields. Farmers should see some land preparation and get a chance to get their hands on the 2WT if possible.

Field Day 2: Weed Control, Nutrition and Spring Planting

Weed Control and Nutrition

This field day allows farmers to see the excellent establishment you've achieved! If land prep and sowing were not carried out in the fall you may cover this here with spring crops. The main attention for this field day is on the major problem of weeds. Use the leaflet as a tool for farmers to remember what you say. *Check if we are giving sprayers and backpack sprayer training – if so review separate training guide.*

Field Day 3: Harvest

Crop Review and Harvesting Financial Analysis

This is an excellent time for farmers to compare varieties – you may carry out a ranking exercise by voting for varieties in some way, e.g. ask farmers to stand by their favorites, then get them to explain their choices. Make a point of looking at weed control impact by observing check strips and discuss. Watch 2WT reaping wheat and carry out a cost comparison – you might use a participatory budgeting exercise on paper.

Field Day 4: Evaluation

Review and Wrap up

This field day is a chance for a final review and to show farmer comparison yields for crops across the program and to challenge farmers to think about what they will implement themselves next year.

Agronomy Course Location and Participation Numbers

Province		2010/2011	2011/2012	2012/2013	Combined
Balkh	Courses	10	8	5	23
	Locations	10	8	5	23
	Farmers*	880	704	115	1,576
	Trainee Days	3,520	2,816	460	6,796
Samangan	Courses	4	3	4	11
	Locations	4	3	4	11
	Farmers*	412	285	84	726
	Trainee Days	1,648	1,140	336	3,124
Jowzjan	Courses	7	6	3	16
	Locations	7	6	3	16
	Farmers*	686	576	96	1,257
	Trainee Days	2,744	2,304	384	5,432
Sar–i Pul	Courses	4	4	3	11
	Locations	4	4	3	11
	Farmers*	336	372	96	734
	Trainee Days	1,344	1,488	384	3,216
Faryab	Courses	9	9	5	23
	Locations	9	9	5	23
	Farmers*	639	711	175	1,446
	Trainee Days	2,772	2,844	700	6,316
Total	Courses	34	30	20	84
	Locations	34	30	20	84
	Farmers*	3,007	2,648	566	5,739
	Trainee Days	12,028	10,592	2,264	24,884

Group sizes in the first year were close to 100, in the final year they were close to 30. In total, 84 basic agronomy courses were run over the project period, training 5,739 people on 24,884 trainee days.

Basic agronomy courses were reduced in number and size as specialized courses were used in greater numbers over the project period in many cases allowing previous basic course participants to access higher level, more specialized trainings. JDA aimed to have trainings in every district where security allowed.



A typical land holding of 4 ha takes 20 days to cultivate with oxen, which is a full season's work and only enough to sustain a family; At harvest time the farmer can't find laborers willing to cut his wheat and ends up paying 30% of his grain for harvesting and threshing. He has to sell the rest to pay his debts but relies on an aggregator who comes to his village offering low cash prices.



With the help of a 2-wheeled tractor, a farmer can cultivate his land in 5 days, and can work the other 15 for his neighbors earning cash.

[redacted] from a village in Balkh province, only cultivated his own land until one of our trainers convinced him to start contracting for his neighbors. He agreed and provided tillage services to 13 farmers and 7 ha in the first season with his 2WT, in addition to his own land. He is now earning six dollars an hour for his services.



Joint Development Associates International, Inc.

Statement of Finances

(per audited Financial Statement)[1]

For Calendar Year Ending December 31, 2013

(all figures in U.S. Dollars)

Support and Revenue:

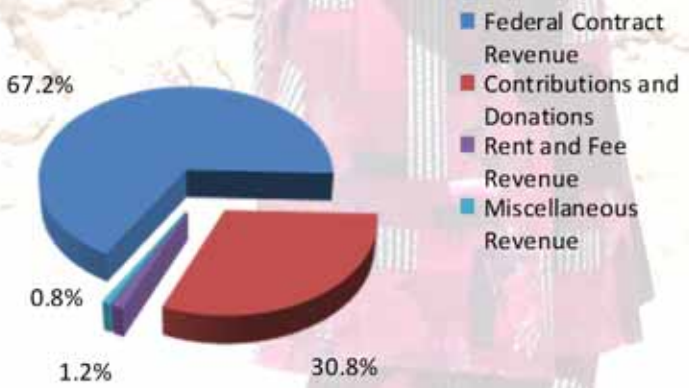
Federal Contract Revenue	581,978
Contributions and Donations	266,486
Rent and Fee Revenue	10,097
Miscellaneous Revenue	7,067
Total Support and Revenue	**865,628**

Notes:: [1] Financial Statement audited by Capin Crouse LLP

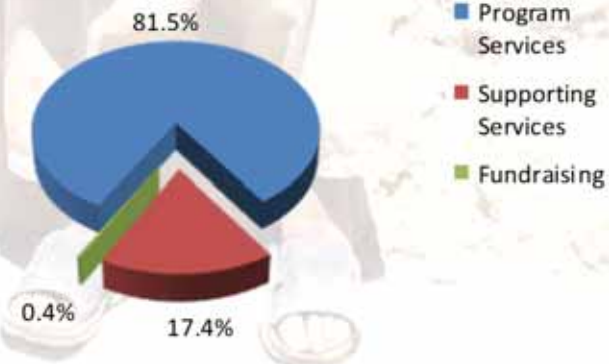
Expenses:

Program Services	
Agriculture Development	549,710
Water Sanitation and Hygiene	112,162
Project Development	6,899
Education	5,741
Total Program Services	**674,512**
Supporting Services	
General and Administrative	142,778
Fundraising	3,180
Total Supporting Services	**145,958**
Total Expenses	**820,470**

Breakdown of Revenue:



Breakdown of Expenses:



Board of Directors



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Chairman
Vice President
Camp Dresser & McKee, Inc.
Arvada, Colorado



Jalyn VanConett
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Realtor
RE/MAX 4000
Grand Junction, Colorado



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Grand Junction, Colorado



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Principal
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Educator (retired)
Arvada, Colorado



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