

Committee Members

Primary Contacts

Name	Club	District	Sponsor	Role
Amelie Catheline	Solana Beach	5340	Club	International
Daniel Valdivieso Arias	Loja Los Zarzas	4400	Club	Host

Host committee members

Name	Club	District	Role	Date Added
Claudia Valdivieso	Loja Los Zarzas	4400	Secondary Contact	
Lucia Celi Altamirano	Loja Los Zarzas	4400	Secondary Contact	

International committee members

Name	Club	District	Role	Date Added
Richard Stevens	Solana Beach	5340	Secondary Contact International	
Harlyn Stevens	Solana Beach	5340	Secondary Contact International	

Project Objectives and Implementation

PROJECT OBJECTIVES

The Rotary Foundation approved global grant funding to be used for the following project objectives:

This grant will support five communities in southern Ecuador to access safe and reliable drinking water. More than a thousand people live in these rural communities and depend on locally operated water systems to meet their basic needs. By repairing water systems, protecting and restoring water sources, and providing technical training on water management and conservation, these communities will be able to meet their basic water and sanitation needs. The five communities (Cazaderos, Gramadales, Cabeza de Toro, Arenal and Cochas) are located in the municipalities of Zapotillo and Puyango in the dry forest of southern Ecuador. The tropical dry forest is the most ecologically threatened ecosystem in Ecuador. It is also an ecosystem that exposes its inhabitants to extreme weather conditions. Communities depend on the four-month rainy season to provide year-round water, including the eight-month dry season. The key to ensuring water availability during the dry season is conserving local forests and water sources.

Have any of these objectives changed?

No

Have you made progress toward your project objectives?

Yes

Describe the progress you've made so far.

1. Technical study of the existing water catchments, planning and design of the repairs
 - a. Completed
 2. Repair and installation of infrastructure
 - a. Notes: The initial schedule has been modified to address evolving situations. As described below, the water treatment plant in El Arenal has been considered to be the most urgent to work on thus the work plan has been changed to start first with these repairs. Secondly, as mentioned in a letter (document 21) of report no 3 (December 2022), delays have occurred due to the difficulty of getting materials on time and the shortage of machinery to execute the work.
 - b. In Cochas de Ciano (Puyango Canton): the repairs and installation of the water treatment plant was 100% completed in November 2022. It required the transportation of materials to the site construction by trucks. The existing water treatment plant was in need of a concrete slab around the collection and filter tanks, new tiles in tanks, filter cleaning and remodeling of the plant. Report #1 and #2 (excel documents) show the progress of the repairs: from evaluating the repairs, to material transportation, cleaning, concrete pouring for the slab, removing overgrown vegetation and ground leveling, then installation of pipes for the distribution line. In December, additional work was performed to control the treatment plant (report #3). By January, the installation of pipes for distribution and water conveyance was completed as well as the painting of the water treatment plant (report #4). The water system is now working and water is delivered to the community.
 - c. In Arenal (Puyango Canton): the water treatment plant showed the worst situation in terms of water quality and distribution. Thus, the work schedule was modified to address the repairs first in this community along with the repairs in Cochas de Ciano. Both are located nearby, in the Puyango Canton. The work started in October with organizing the workforce of the local community, cleaning the water treatment plant. Then the actual remodel work started with the demolition of the old concrete in the water intake tank and the filters. (report #2). Transportation of material was particularly difficult due to the bad conditions of the roads/paths. Material was transported by mules. The repairs continued with casting the new concrete, the installation of the ceramic tiles in the intake tanks, filters and sand separators. (report #3) The main repair work of the water treatment plant was completed in January 2023. The conveyance and distribution lines were installed. The water treatment plant was completed with the addition of two 5,000-liter cisterns and the filter tanks were equipped with piping

for sand filtration. (report #4 and #5)

d. Cabeza de Toro (Zapotillo Canton): the configuration of the infrastructure is unique in this location compared to the four other communities. The reservoirs are placed on an elevated structure engineered to support water tanks. The project allows for a structure higher than the old structure to get a higher pressure in the distribution lines. They started by choosing the location of this structure and excavating the ground to build the new structure. (report #1 and #2 show the schematic of the structure and the excavation process). The built of the structure started in December). It required the transportation of water to make concrete (no water was available on site); several 2-hr trips were necessary (Report #3). The construction of the platform was performed in December and January (Report #4) and 100% completed in February. The new structure is enclosed and has a roof to protect the tanks (Report #5). The tanks and the pump have been installed; this community didn't need to repair the distribution lines. The water system is working and water is delivered to the community.

e. In Gramadales and Cazaderos (Zapotillo Canton): the work has been delayed due to heavy rain and flooding, damaging the roads and preventing access. The work is expected to resume in May or June. The workforce organization had just begun in February in Cazaderos when the flooding started. In Gramadales, the project has just resumed with setting up the work as this report has been written (late May, early June).

3. Conservation work and restoration of the dry forest

a. The project started with a planning phase in October, which included budget organization, contacts with actors in the field, and several field visits to conduct a general evaluation of the water intakes, their water interest areas, and the collection of information related to the organization of the Water Boards. This phase made it possible to define the concrete actions that would be implemented in each of the water systems/boards in the following months.

b. It is worth noting that the project has had delays in execution mainly due to the electoral campaign and elections to choose sectional authorities (between January and February), and the arrival of a rather intense winter that has not allowed progress as planned at the beginning, considering that the conservation component was going to be executed mainly once the civil construction part of the systems had advanced and been completed.

i. The duration of this section of the project has significantly changed compared to what was planned in the application. (Announced: 1 month, currently: in progress since October 2023)

c. In Cochas de Ciana and in El Arenal: Agreements with owners have been signed and material has been delivered.

d. In Cabeza de Toro (Zapotillo): Protection of the spring during two and a half weeks of work including transportation of materials, installation of posts, barbed wires and additional check dams.

e. In Gramadales (Zapotillo): Inspection done. Protection of the spring has been delayed but materials have been purchased. Difficult access to the catchment area in winter months.

f. In Cazaderos (Zapotillo): Inspection done. No need to protect the spring. The water comes from a well drilled more than 100 meters deep.

g. See the full report (including pictures) for this conservation work: Report Rotary NCI April 2023 (available both in English and Spanish, attached to the next section: Project Implementation> Reforestation of the dry forest).

4. Technical and administrative training of the water systems

a. In Cochas de Ciano, El Arenal, and Cabeza de Toro, the water boards have been trained to operate the water system. They need to know how to operate the pumps, filters (when installed), and check the water quality. Each water board is comprised of 3 to 5 people including the President of the board and the operators. Members of the water boards are paid via the water system fee structure.

b. The Community Water System Management Manual developed for all communities is attached to the report.

5. Water source conservation training

a. Not started

6. Sanitation and Hygiene Training

a. Water Boards of each community oversee the sanitation and hygiene training. The first meeting about this training was mandatory for water board members and open to the public. However, the public attendance was very limited (10-15 people in each of the three communities where the repairs are complete. The water boards hold a monthly meeting to address water issues and they plan on doing more training.

7. Video Playlist of the GG (hosted by SBECO)
https://www.youtube.com/playlist?list=PLcZkA9i_y8O_DVOCz3wc-mOE35-PkOkGa

Powerpoint presentation by SBECO on January 2023: <https://portal.clubrunner.ca/10061/page/our-global-grant>

PROJECT IMPLEMENTATION

Your grant application included plans for the following activities. Please report on each of your project activities below. If there were any additional activities during the project, please report each of them by clicking the Add an Activity button at the end of this section.

1. Technical study of the existing water catchments, planning and design of the repairs

Duration

2 months

Status

Completed

Start Date

01/08/2022

Completion Date

30/09/2022

2. Repair and installation of infrastructure (done only during the dry season, from May to October of any giving year)

Duration

3 months

Status

In progress

3. Reforestation of the dry forest (tree planting during the appropriate season)

Duration

1 month

Status

In progress

4. Technical and administrative training of the water systems

Duration

2 months

Status

In progress

5. Water source conservation training

Duration

2 months

Status

Not started

6. Sanitation and Hygiene Training

Status

In progress

Supporting Documents

- 10_CAZADEROS_EN_2022-11-18.docx
- 10_INFORME_PARA_INTERVENCIÓN_CAZADEROS_2022-11-18.docx
- 11_ACUERDO_DE_CONSERVACIÓN-ROTARY-ELÍAS_HUMBERTO_CRUZ_CRUZ.pdf
- 11_ACUERDO_DE_CONSERVACIÓN-ROTARY-JOSÉ_TEODORO_CUEVA_ELIZALDE.pdf
- 11_ACUERDO_DE_CONSERVACIÓN-ROTARY-NIEVES_DE_JESÚS_CRUZ_MENDIETA.pdf
- 1_Informe_Actividades_Nro_1-October.xlsx
- 2_Informe_Actividades_Nro_2_2022-11.xlsx
- 3_Informe_Actividades_Nro_3-2022-12_updated_2023-05.xlsx
- 4_Informe_Actividades_Nro_4-2023-01_updated.xlsx
- 5_CUADRO_DE_AVANCE_DE_OBRA_proy_zapotillo-2023-02_Nro_5_updated.xlsx
- 6_Manual-administrativo-para-la-gestion-comunitaria-de-sistemas-de-agua-ALTA.pdf
- 7_Report_Rotary_NCI_April_2023_-_EN.docx
- 7_Resumen_INFORME_Rotario_Abril_2023_-_ES.docx
- 8_CABEZA_DE_TORO_EN_2022-11-17.docx
- 8_INFORME_PARA_INTERVENCIÓN_CABEZA_DE_TORO_2022-11-17.docx
- 9_GRAMADALES_EN_2022-11-18.docx
- 9_INFORME_PARA_INTERVENCIÓN_GRAMADALES_2022-11-18.docx

Measuring Success

How many people have directly benefited from the project?

1115

WATER, SANITATION, AND HYGIENE

Impact measures

1. Number of people with access to improved sources of drinking water

Collection method	Frequency	Beneficiaries
Direct observation	Every year	1000-2499

RESULTS TO DATE

Collection Method	Frequency	Beneficiaries
Direct observation	Every year	75

2. Number of people with access to disinfected water through household water treatment

Collection method	Frequency	Beneficiaries
Direct observation	Every year	1000-2499

RESULTS TO DATE

Collection Method	Frequency	Beneficiaries
Direct observation	Every year	1000

3. Number of communities with a functioning governance committee in place

Collection method	Frequency	Beneficiaries
Direct observation	Every year	1-19

RESULTS TO DATE

Collection Method	Frequency	Beneficiaries
Direct observation	Every year	5

4. Number of communities utilizing a tariff/usage fee structure

Collection method	Frequency	Beneficiaries
Direct observation	Every year	1-19

RESULTS TO DATE

Collection Method	Frequency	Beneficiaries
Direct observation	Every year	5

5. Number of individuals trained

Collection method	Frequency	Beneficiaries
Direct observation	Every year	50-99

RESULTS TO DATE

Collection Method	Frequency	Beneficiaries
Direct observation	Every year	6

6. Number of individuals trained

RESULTS TO DATE

Collection Method	Frequency	Beneficiaries
Direct observation	Every six months	40

Monitoring and evaluation

Here is the person or organization that was selected to monitor and evaluate impact measures

Person or organization

Darwin Martinez, NCI Technician and Julian Garcia Burneo, Rotary Club of Loja Los Zarzas

Qualifications

Nature & Culture International (NCI) has a long history of successful projects in Ecuador to conserve water and land working with the inhabitants and communities. Darwin Martinez is an experienced employee of NCI. Julian Garcia Burneo, Rotarian, will ensure that monitoring and evaluation is done following TRF protocol.

Has this person or organization changed?

Yes

Please provide information about the new person or organization.

Person or organization

Daniel Sanmartin for NCI (conservation work) & Hugo Ruiz for engineering work

Phone (optional)

Email (optional)

Address (optional)

Briefly explain why this person or organization is qualified for this task.

Daniel Sanmartin is currently employed by NCI and replaced Darwin Martinez who left the organization. Hugo Ruiz is the engineer in charge of the engineering implementation part of the project. He is the most qualified person onsite.

Participants

SPONSOR PARTICIPATION

What roles and responsibilities did host sponsor members have?

Coordinate the project with the engineer in charge, authorize the work, supervise the project, inspect the work done and manage coordination between Rotarians and cooperating institutions

What roles and responsibilities did international sponsor members have?

Follow the progress of the project through monthly reports, coordinate and prepare the annual report for TRF

PARTNERS (OPTIONAL)

Add any Rotary clubs or districts that were involved in this project, other than the host and international sponsors or financial contributors.

No.	Type	Club name or district number
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COOPERATING ORGANIZATIONS

1. Naturaleza y Cultura Internacional

Av. Pio Jaramillo A, y Venezuela
Loja Loja
Ecuador

Describe how cooperating organizations participated in the project.

NCI helps with the communication and relationships between Rotarians, beneficiaries and local authorities.

They have planned the execution of the component on conservation. They are now in the process of overseeing and executing the conservation component as described in the "Project Objectives and Implementation" section of this report.

The Watershed Management Manual and other brochures will be provided by Naturaleza y Cultura.

2. Municipality of Zapotillo

León Febres Cordero s/n y 24 de Mayo
Zapotillo
Ecuador

<https://gobiernodezapotillo.gob.ec/>

Describe how cooperating organizations participated in the project.

The Municipality of Zapotillo provided support for the technical studies of the water project in Cabeza de Toro, Gramadales and Cazaderos, as well as support for the construction permits. To date, the work has been performed in Cabeza de Toro and is still in progress in Gramadales and Cazaderos. Each community has the same responsibilities and duties toward the project.

Each community is responsible for the maintenance and operation of the water systems and the care for the watersheds. They contributed to the civil work by helping with transportation of materials, and by providing the unskilled labor needed for excavation, cleaning, and remodeling. The water consumption records and payments

for the service are data that will be provided by each community.

The community of Cabeza de Toro has signed a “receipt” agreement for the financial support provided through the project implementation.

3. Municipality of Puyango

Guayaquil y Juan Montalvo
Puyango
Ecuador

Guayaquil y Juan Montalvo

Describe how cooperating organizations participated in the project.

The Municipality of Puyango provided support for the technical studies of the water project in El Arenal and Cochas de Ciano, as well as support for the construction permits. To date, the work has been performed in both communities. Each community has the same responsibilities and duties toward the project.

Each community is responsible for the maintenance and operation of the water systems and the care for the watersheds. They contributed to the civil work by helping with transportation of materials, and by providing the unskilled labor needed for excavation, cleaning, and remodeling. The water consumption records and payments for the service are data that will be provided by each community.

Both communities have signed a “receipt” agreement for the financial support provided through the project implementation.

The “receipt” agreements are in attachment of the financial section of the report.

Project Expenditures

Grant amount:

69,420 USD

Expense log

Date	Description	Category	Amount (USD)
05/10/2022	60.00 x CEMENTO GUAPAN 50KG PUZOLANICO TIPO GU [Cabeza de Toro - Invoice 1]	Operations	441.96
05/10/2022	45.00 x VARILLA CORRUGADA 12MM X 12M [Cabeza de Toro - Invoice 1]	Operations	562.5
05/10/2022	45.00 x VARILLA CORRUGADA 8MM X 12M [Cabeza de Toro - Invoice 1]	Operations	271.21
05/10/2022	1.00 x ALAMBRE RECOCIDO #18 ROLLO (20KG) IDEAL [Cabeza de Toro - Invoice 1]	Operations	39.29
05/10/2022	20.00 x TABLA ENCOFRADO 3 MT°0.20CM [Cabeza de Toro - Invoice 1]	Operations	75.89
05/10/2022	20.00 x LISTON ENCOFRADO 3MT [Cabeza de Toro - Invoice 1]	Operations	49.11
05/10/2022	2.00 x CLAVO MADERA 2* LB [Cabeza de Toro - Invoice 1]	Operations	2.23
05/10/2022	2.00 x CLAVO MADERA 2 1/2 * LB [Cabeza de Toro -	Operations	2.23

	Invoice 1]		
05/10/2022	TVA [Cabeza de Toro - Invoice 1]	Operations	173.33
03/10/2022	Cemento [invoice 2]	Operations	676.5
03/10/2022	Arena gruesa [invoice 2]	Operations	480
03/10/2022	Grava	Operations	420
03/10/2022	Arena fina	Operations	30
05/10/2022	82.00 x CEMENTO HOLCIN FUERTE TIPO CU SACO 50kg [invoice 3]	Operations	697
05/10/2022	Servicio de Transporte de material de Construccion [invoice 4]	Operations	930
06/10/2022	Pipes, ropes, accessories and materials for repairs in Cochas de Ciano [invoice 5]	Operations	1907.31
14/09/2022	Adap Banariego 50x1 ½'M [invoice 6+7]	Operations	11.93
14/09/2022	Adap Banariego 63x2'M [invoice 6+7]	Operations	36.99
14/09/2022	Codo Banariego 63x90 [invoice 6+7]	Operations	23.85
14/09/2022	Codo Banariego 90x90 [invoice 6+7]	Operations	10.01
14/09/2022	Codo Banariego 2" [invoice 6+7]	Operations	24.93
14/09/2022	Collarin Banariego 63x1/2' [invoice 6+7]	Operations	108.56
14/09/2022	Llave de compuerta bronce 2 [invoice 6+7]	Operations	923.46
14/09/2022	Manguera 1' Punta verde (120PSI) [invoice 6+7]	Operations	103.43
14/09/2022	Neplo perdido banariego	Operations	14.22

	2' [invoice 6+7]		
14/09/2022	Nudo univ banariego 50 [invoice 6+7]	Operations	48.85
14/09/2022	Nudo univ sold 1' [invoice 6+7]	Operations	31.87
14/09/2022	Nudo univ banariego 2" H [invoice 6+7]	Operations	107.49
14/09/2022	Weld on 705 – Galon [invoice 6+7]	Operations	209.68
14/09/2022	Tubo banariego 32x1.25 E/C [invoice 6+7]	Operations	10.2
14/09/2022	Tubo banariego 63x1.00 E/C [invoice 6+7]	Operations	464.99
14/09/2022	Tubo banariego 63x1.25 E/C [invoice 6+7]	Operations	1463.45
14/09/2022	Tee banariego 63 [invoice 6+7]	Operations	32.23
14/09/2022	Tee banariego 2" H [invoice 6+7]	Operations	19.02
14/09/2022	Tubo rosc 1/2' [invoice 6+7]	Operations	1188.81
14/09/2022	Tubo rosc 2' [invoice 6+7]	Operations	583.69
14/09/2022	Válvula de aire PVC doble acción 1/2 [invoice 6+7]	Operations	6.97
14/09/2022	Teflon banariego industrial [invoice 6+7]	Operations	5.41
14/09/2022	Tanque tipo vaso PEMD Azul de 500 litros [invoice 6+7]	Operations	183.96
14/10/2022	Tubo banariego + tee banariego / multiple sizes of irrigation pipes and tees [invoice 8]	Operations	6684.75

26/10/2022	Armex R64 + Sika plastocrete [invoice 9]	Operations	113
02/11/2022	Tires for truck [invoice 10]	Operations	280
15/10/2022	Water pump + accesories [invoice 11]	Operations	3995.91
11/11/2022	(Llave de paso) valve faucet + insulating material [invoice 11]	Operations	18.85
02/11/2022	Mano de obra (Labor work for two filter tanks install in El Arenal) [invoice 13]	Operations	700
23/11/2022	Tubo Roscable ½” x 6M Econ [invoice 14]	Operations	260
23/11/2022	Valvula (Purgador) de aire ¾ Italy automoatico fiv + válvula (Purgador) de aire ½ varia [invoice 15]	Operations	76
23/11/2022	Adap Banariego 50 x 1 1/2’M [invoice 16]	Operations	42
23/11/2022	Tubos ½ Econ [invoice 18]	Operations	260
21/11/2022	Empore Blanco Sin Arena 2KG [invoice 19]	Operations	53.57
21/11/2022	Ceramica Brillante 30x30 Blanco [invoice 19]	Operations	1419.9
21/11/2022	Sikaceram Estándar [invoice 19]	Operations	296.89
21/11/2022	TVA of invoice 19	Operations	212.44
30/11/2022	Conglomerado M3 [invoice 20]	Operations	151.79
30/11/2022	Varilla Corrugada 12MM x 12M [invoice 20]	Operations	75

30/11/2022	Disco Metal Norton 7"x1/16"x7/8" [invoice 20]	Operations	4.46
30/11/2022	TVA of invoice 20	Operations	27.75
16/11/2022	Labor work for use of excavator [invoice 22]	Operations	291.22
22/11/2022	Horas de alquiler retroexcavadora (machine rental) [invoice 22]	Operations	291.2
09/11/2022	Labor work for use of excavator (Fact Mano de Obra) [invoice 44]	Operations	600
14/12/2022	Agua de Tanquero [invoice 43]	Operations	40
01/11/2022	Tanque Industrial Rotoplas De 5000 LTS [invoice 23]	Operations	3500
10/01/2023	Varilla Corrugada 12MM X 12M nova [invoice 24]	Operations	77.68
10/01/2023	Varilla Corrugada 8MM X 12M [invoice 24]	Operations	17.41
10/01/2023	Cemento Holcim Fuerte Tipo GU 50KG [invoice 24]	Operations	7.59
10/01/2023	Bloque Duro #10 [invoice 24]	Operations	32.14
10/01/2023	Polea can gancho 3" Una Rueda [invoice 24]	Operations	7.14
10/01/2023	TVA of invoice 24	Operations	17.04
12/12/2022	Mantenimiento Preventivo y Correctivo de los Vehiculos [invoice 25]	Operations	190
24/10/2022	Mantenimiento de Vehiculo [invoice 26]	Operations	348

10/01/2023	Car One Repuestos [invoice 27]	Operations	76.79
10/01/2023	Tubo Cuadrado 75MM x 1.8MM 3" Nova [invoice 27]	Operations	100.45
10/01/2023	Correo Metálica G 80" x 1.8MM Kubiec [invoice 27]	Operations	41.07
10/01/2023	Correo Metálica G 60" x 1.8MM Kubiec [invoice 27]	Operations	69.2
10/01/2023	Tormillo Autoperforante 1"x10 100UNI [invoice 27]	Operations	4.64
10/01/2023	Alutecho 12" 3.60M x 0.25MM x 1.01M	Operations	85.72
10/01/2023	Suelda Soldex 60-11 1/8 1lb [invoice 27]	Operations	7.14
10/01/2023	Varilla Corrugada 8MM X 12M [invoice 27]	Operations	5.8
10/01/2023	Disco Metal Norton 7"x1/16"x7/8 [invoice 27]	Operations	2.23
10/01/2023	TVA of invoice 27	Operations	47.16
10/12/2022	Weekly wages (Cabeza de Toro, 11.28-12.03.2022) [invoice 29]	Operations	200
10/12/2022	Weekly wages (Cabeza de Toro, 12.05-12.10.2022) [invoice 29]	Operations	250
14/12/2022	Trip for tank of water [invoice 29]	Operations	40
17/12/2022	Wages (Mano de Obra en Cabeza de Toro) [invoice 29]	Operations	300
07/01/2023	Tubo Cerr Red galv	Operations	115.18

	2"x1.5MM Nova Metco [invoice 28]		
07/01/2023	Malla Cerramiento 2.00M Rollo 20M Galvan [invoice 28]	Operations	151.79
07/01/2023	Malla Cerramiento 2.00M*1MT Galvan [invoice 28]	Operations	54.69
07/01/2023	Suelda Aga 60-11 1lb [invoice 28]	Operations	7.37
07/01/2023	Disco Metal Norton 4 ½" x 1/16 x 7/8 [invoice 28]	Operations	1.77
07/01/2023	Bisagra Torneada 3" Armillar Hierro Induma [invoice 28]	Operations	3.35
07/01/2023	TVA of invoice 28	Operations	40.1
23/12/2022	Wages (Mano de Obra en Cabeza de Toro, 12.19-12.23.2022) [invoice 30]	Operations	300
31/12/2022	Wages (Mano de Obra en Cabeza de Toro, 12.26-12.31.2022) [invoice 30]	Operations	300
07/01/2023	Wages (Mano de Obra en Cabeza de Toro) [invoice 30]	Operations	340
13/01/2023	Wages (Mano de Obra en Cabeza de Toro, 01.09-01.13.2023) [invoice 30]	Operations	200
27/02/2023	Alimentation de 31 personas, ... Cazaderos [invoice Talleres \$144]	Training	144
31/01/2023	Remuneraciones de Daniel Sanmartin Guachizaca [invoice Remuneraciones	Operations	300

	Proyecto \$1200]		
28/02/2023	Remuneraciones de Daniel Sanmartin Guachizaca [invoice Remuneraciones Proyecto \$1200]	Operations	300
31/03/2023	Remuneraciones de Daniel Sanmartin Guachizaca [invoice Remuneraciones Proyecto \$1200]	Operations	300
25/04/2023	Remuneraciones de Daniel Sanmartin Guachizaca [invoice Remuneraciones Proyecto \$1200]	Operations	300
10/04/2023	Extra con etanol [Invoices- Conservation work]	Operations	30
11/04/2023	Extra con etanol [Invoices- Conservation work]	Operations	26
21/04/2023	Extra con etanol [Invoices- Conservation work]	Operations	20
19/04/2023	Hotel room [Invoices- Conservation work]	Operations	42
01/03/2023	Diesel Premium [Invoices- Conservation work]	Operations	20
03/03/2023	Extra con etanol [Invoices- Conservation work]	Operations	38.5
03/03/2023	Gasolina Ecopais [Invoices- Conservation work]	Operations	10
07/03/2023	Extra con etanol [Invoices- Conservation work]	Operations	15.65

11/03/2023	Extra con etanol [Invoices- Conservation work]	Operations	70.82
13/03/2023	Extra con etanol [Invoices- Conservation work]	Operations	20
15/03/2023	Extra con etanol [Invoices- Conservation work]	Operations	37
21/03/2023	Extra con etanol [Invoices- Conservation work]	Operations	33
25/04/2023	Visit of La Ceiba Natural Reserve to plan the work [Invoices- Conservation work]	Operations	138.1
30/03/2023	Visit of the Reserves in Cazaderos & La Ceiba Pilares [Invoices- Conservation work]	Operations	61.6
08/03/2023	200 x postes de madera para cerramiento [Acuerdos conservacion]	Operations	720
11/04/2023	200 x postes de madera para cerramiento [Acuerdos conservacion]	Operations	560
20/04/2023	Alambre pua guardian 400M [Acuerdos conservacion]	Operations	50
06/03/2023	Barbed wire fence, wire staples and cement [Acuerdos conservacion]	Operations	2177.73
22/03/2023	Fence installation and monitoring tour in La Ceiba Pilares Reserve [Acuerdos conservacion]	Operations	144.28
28/03/2023	wages for cleaning and maintenance activities in Cazaderos Natural Reserve) [Acuerdos	Operations	194.29

	conservacion]		
21/03/2023	Padlock and chain [Acuerdos conservacion]	Operations	7
25/04/2023	wages for clearing, composting, and transport of guapala seeds, in Cazaderos [Acuerdos conservacion]	Operations	217.15
11/04/2023	Chips Claro [Acuerdos conservacion]	Operations	6
11/04/2023	Aceite [Acuerdos conservacion]	Operations	5
11/04/2023	Escavator and Machete	Operations	30.5
11/04/2023	Fundas de vivero 5x9 (nursery covers) [Acuerdos conservacion]	Operations	3
21/03/2023	Alambre Galvan #18 1LB IDEAL [Acuerdos conservacion]	Operations	13.5
25/04/2023	wages for control activities in La Reserva Natural La Ceiba [Acuerdos conservacion]	Monitoring/evaluation	201.14
04/02/2023	Gas for vehicles between September 2022 and February 2023 [All invoices for gas_2023-06-12]	Operations	859.01

Expense summary

Category	Budget (USD)	Expenses (USD)	Variances (USD)
Monitoring/evaluation	1500.00	201.14	1298.86
Operations	61677.00	41958.87	19718.13
Project management	1343.00	0	1343.00
Publicity	1000.00	0	1000.00
Training	3900.00	144.00	3756.00
Totals:	69420.00	42304.01	27115.99

Did your project have any unexpected or unusually large variances?

Yes

Please briefly describe the circumstances for the variance.

1. Significant delays have occurred in the duration of the activities of the project. The two main specific circumstances are: electoral process in January and February 2023 in Puyango Canton and heavy rain in the dry forest leading to road closures (rather usual) and extreme flooding (unusual) causing the loss of houses and putting the population in difficult situation.

2. Financial variances: the inspection done in August 2022 showed a worsening situation in El Arenal compared to the inspection done two years ago.

In El Arenal: water tanks were not planned; the cost and number of had increased.

In Cochas de Ciano: the expenses are half the expected budget. The labor cost has been optimized and lowered thanks to the help of the community members who volunteered their time and effort toward the project.

The saving done in Cochas de Ciano was used to balance the unexpected cost of 2 tanks.

Additionally, as explained in report #5, the communities provided additional financial support to augment the impact of the grant. Each community signed an agreement of "funds reception" for the work done. These agreements are submitted with the report. See in attachment the "receipt" agreement (acta de reception).

3. Lastly, the heavy rain of this past winter has caused many damages that have worsen the situation. As observed early June, during the visits of Cazaderos and Gramadales, there is very little rain in the area, but the roads, access points, and streams make it very difficult to enter with a regular vehicle. It can only be done with a 4x4 vehicle. Additionally, the original conditions of the project have changed, precisely due to the strong rainy season. In Cazaderos, the community is experiencing water scarcity because the pump, control panel (contacts, relays, breakers, etc.), and thermal box have collapsed. Therefore, it is urgent to replace these devices. In the community of Gramadales, the pipes in the intake line and transmission line have also collapsed, and valves, couplings, fittings, etc., have been damaged. This situation also causes water scarcity, so it is necessary to replace the damaged sections of pipe and their respective accessories. It is anticipated that the budget will get adapted to the situation.

Financial Details

PROJECT BANK STATEMENTS

Upload bank statements from the project bank account to show all project-related transactions, including deposits and withdrawals. In addition to the bank statements, you can also upload a financial ledger. For scholarships, please attach receipts for any expenses over \$75.

Supporting Documents

- 0_Bank_Statement_2023.pdf
- 1_Transaction_2022-09-08.jpg
- 2_OFICIO_DEL_PRIMER_AVANCE_AL_ING_HUGO-signed.pdf
- 3_Transaction_2023-03-29.jpg
- 4_SEGUNDO_ADELANTO_ING_HUGO_RUIZ_-signed.pdf
- 5_All_invoices_for_gas_2023-06-12.pdf
- 6_ACTA_DE_RECEPCION_DE_COCHAS_PDF.pdf
- 7_ACTA_DE_RECEPCION_DE_EL_ARENAL.pdf
- 8_ACTA_DE_RECEPCION_DE_CABEZA_DE_TORO.pdf
- Acuerdos_conservacion.pdf
- Invoices-Conservation_work.pdf
- Remuneraciones-proyecto_\$1200_00.pdf
- talleres_\$144_00.pdf

FINANCIAL MANAGEMENT

Who is in charge of the project's financial management?

Daniel Valdivieso and Hugo Ruiz

Please describe the project's financial management, including record keeping, inventory, payment authorizations, and conversion of funds.

Money is spent in USD. Record keeping is done by Hugo R. who scans all receipts and includes them in the monthly report. Originals are kept by Hugo R. Inventory is overseen by Hugo R. Authorizations are done by Daniel V.

Were there any challenges in managing the project funds?

No

PROJECT INCOME

Did your project generate any income through sales, interest, or other sources?

No

Authorizations

YOUR AUTHORIZATIONS

Primary contact

By authorizing this report, I confirm that, to the best of my knowledge, these grant funds were spent according to Foundation guidelines and that all of the information contained in this report is true and accurate. Original receipts for all expenses incurred will be kept on file for at least five years, or longer if required by local law, in case they are needed for auditing purposes.

Grant reports and supporting documentation should not include personal data (name, contact information, age/date of birth, health/medical data, or other identifying information) or images of anyone who is not authorizing this report unless (a) it is requested by the Foundation and (b) written consent of the individual (or their parent or legal guardian) is provided to the Foundation. If such personal data is inappropriately included, it may cause delays in the grant process while the Foundation complies with Rotary's Privacy Policy.

I also understand that all photographs, video and other media submitted with this report will become the property of Rotary International and will not be returned. I represent and warrant that I own all rights in the photographs, video and other media, including copyrights, and that all persons (or their parents if they are minors or lack legal capacity) appearing in such photographs, videos and other media have given me their unrestricted written consent to license use of their images/likenesses to Rotary International. I hereby grant Rotary International and The Rotary Foundation (collectively, "Rotary") a royalty-free, worldwide, perpetual, irrevocable license and right to use, publish, print, reproduce, edit, broadcast, webcast, display, distribute, modify, create derivative works from, sublicense and publicly perform, the photographs, video and/or media now or at any time in the future, in Rotary International publications and materials, and for promotional purposes in any form, medium or technology now known or later developed. I represent, warrant and agree that Rotary shall have the universal right to license use of your photograph, video, and/or other media in order to promote Rotary programs, including grants and scholarships without liability.

Sponsor

By authorizing this report, I confirm that, to the best of my knowledge, these grant funds were spent according to Foundation guidelines and that all of the information contained in this report is true and accurate. Original receipts for all expenses incurred will be kept on file for at least five years, or longer if required by local law, in case they are needed for auditing purposes.

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AUTHORIZATION SUMMARY

Primary contact authorizations

Name	Club	District	Status
Daniel Valdivieso Arias	Loja Los Zarzas	4400	
Amelie Catheline	Solana Beach	5340	

Sponsor authorizations

Name	Club	District	Status
Maria Mahauad Burneo	Loja Los Zarzas	4400	
Julie Morisot	Solana Beach	5340	