GG2123289 Report

Ferrier-Artaud Potable Water Project

REPORT TYPE	REPORT STATUS
Progress	Accepted

Committee Members

Primary Contacts

Name	Club	District	Sponsor	Role
Magarette Georges	Cap-Haitien	7020	Club	Host
Sherry Chamberlain	Osoyoos	5060	District	International

Host committee members

Name	Club	District	Role	Date Added
Dieulin Joanis	Cap-Haitien	7020	Secondary Contact	
Cleantus Jean	Cap-Haitien	7020	Secondary Contact	
Jean-Rony Boulin	Cap-Haitien	7020	Secondary Contact	

International committee members

Name	Club	District	Role	Date Added
Carin Smith	Wenatchee	5060	Secondary Contact International	
Sam Dilly	Wenatchee	5060	Secondary Contact International	
Stan Fike	Kamloops West	5060	Secondary Contact International	

PROJECT OBJECTIVES

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

The HANWASH (Haitian National Water, Sanitation and Hygiene Strategy) program is a country-wide effort to focus Local Rotary Clubs, International Clubs, and TRF resources to deliver access to sustainably managed WASH services to every household in Haiti by 2030. Each project undertaken within this program will deliver sustainable and safely managed water services in collaboration with local government, National Water line ministries and the populace.

Community overview
After the devastating natural disaster in Haiti in 2010, well-intentioned volunteers rushed in to provide short-term non-sustainable aid which is now not functioning. In the last year, spread of coronavirus made the sanitation situation in Haiti even worse, and public funds for infrastructure are non-existent. Without significant action now, this will result in new crises of public health and community safety in Haiti.
HANWASH and District 5060 are working with the government of Haiti to develop a sustainable, safely-managed water supply solution for the village of Artaud in the Nord-Est Department (Commune of Ferrier).

This project is about far more than equipment and mechanical improvements. We will provide intensive training for technical and administrative staff, and involve them in developing standard operating procedures (SOPs) and utilizing best practices. We will create operator manuals and training resources specifically for Artaud and begin operator mentoring and Train-the-Trainer programs. Much of the work done here will serve as the foundation of knowledge and expertise for additional water projects in Haiti, thus leveraging the investment in this initial community.

Fresh water is not locally available in Artaud, and there is no existing public water system in the area. Instead, private water trucks deliver potable water to local residents. For other uses (washing and cleaning), residents transport brackish water in buckets and jugs from hand dug wells and surface water sources.

A sample of homes (16/81) in Artaud report that there are no latrines at their homes. They use the fields for open defecation. The water taps installed as part of this Global Grant will be on premises and dispense drinking water brought to the homes from a distance which mitigates the risk of contaminated groundwater from open defecation. Sanitation and hygiene will be a component of the leadership training in this grant.

Rotary District 5060 recently engaged Northwater International to develop estimates of the work necessary to develop a safely managed water solution for Artaud and four other villages in the Commune of Ferrier. Northwater International is an environmental and geosciences consulting firm that specializes in supporting the water sector. They are a US-based company with offices in Haiti.

Northwater produced three reports, which have been paid for by District-raised funds:
1) Hydrogeological desk assessment to evaluate groundwater potential in the region, and
2) A rapid technical assessment to develop concept-level layout drawings and cost estimates
3) Proposal summary for Artaud
These detailed documents show the current water use patterns and groundwater assessments to determine the best location for a community well. These documents are included.

Fresh water is scarce in the region around Artaud. Fresh groundwater is available in an alluvial aquifer near Artaud. To increase the benefit and serve more residents, a regional water system is proposed that includes the villages of Meillac, Philibert, Mapou, Artaud and Bossus. The population estimate of the five villages is 4,772 residents, with a water demand of 223 m3/day (59,000 gal/day). To support planning and assuming a 20-year growth period, the population may increase to 7,823 with a demand of 469 m3/day (124,000 gal/day). The total

cost of the regional water system is estimated to be between $1.2M and $2.4M.

The first stand-alone project in this vision, and the focus of this grant, is a water system for the village of Artaud. The Artaud water system will be constructed first because it is the closest community to the water source.

Community challenges
This project endeavors to improve upon often-failed efforts of the past, by creating a sustainable water system supported by the community with a fee-for-service policy that will provide sustainable funding for ongoing maintenance.

A few hand pump wells are operating within the communities of Meillac and Artaud. However, this water exceeds drinking water guidelines for dissolved solids. Because this water is “salty” residents use it only for washing and bathing. Instead, they pay to have fresh water transported to their homes by water truck. In Artaud, residents report paying as much as 10 HTG/gallon (US $.13) for fresh water. Residents are paying some of the highest rates for water in the country. Typical rates in the rest of the country are 0.5 to 2 HTG/gallon. By contrast, the typical price for water from a piped water system in Haiti is between 0.5 to 1 HTG per gallon (US $.01).

Artaud is a rural community with few resources. As such, any new water solution should be simple and low-cost to operate. The community will need coaching during all phases of the project to build capacity among community leaders and enable proper operation and management of the water system.

The Artaud system will be built as a stand-alone water system. But because fresh water is scarce in the region, the Artaud system will be designed with considerations to make expansion possible to serve other communities.

Artaud Summary (See "Proposal Summary Artaud" document by Northwater)

Step 1. Secure a suitable water source. Northwater has identified three nearby zones for groundwater exploration. Each area has advantages and disadvantages; the farthest locations from Meillac and closer to Artaud are the most likely to find a good supply of water but also result in higher infrastructure and energy costs for a water system.
Northwater recommends a geophysical investigation to identify locations that have the best potential to produce the desired water quality and quantity. The investigation could increase the likelihood of finding higher producing wells and thus reducing the overall number of wells necessary to meet water demands.

Step 2. Drill a well at the location and depth recommended by the geophysical investigation. Once the well is constructed, a pumping test and water quality analysis will guide the pumping system design and water treatment requirements to achieve drinking water guidelines.

Step 3. Develop an engineering report that more accurately defines the layout, cost and operational plan for a complete water system. This would include items such as a tank and piping to individual property lines.

Step 4. Develop detailed plans, specifications and bidding documents for construction.

Step 5. Select a contractor, obtain materials, and construct elements of the Artaud water system.

Step 6. Conduct education and training in water system management, hygiene and sanitation. Recruit and train a professional operator entity for the Artaud water system.

The result will be piping to individual property lines with water meters installed, such that homes will be able to have a water spigot in front of their homes. The system will be chlorinated and will have an established procedure for water-quality testing at the source and at various points in the system to ensure clean water at the homes.

While some specific costs have yet to be determined, Northwater has extensive experience with such projects, including projects in Haiti, such that we feel confident of the budget estimates for this project.
(See Proposal Summary and Northwater Scope documents attached)

Desired outcomes
The ultimate goal of this project is to develop a sustainable and safely managed water solution for the community of Artaud. This proposal will focus on developing a water supply, engineering report and construction of infrastructure to deliver water to Artaud. This will provide a basis for which future work can be built upon to ultimately supply water to all 5 communities. Residents will continue to use the existing salty water for handwashing and cleaning. While there are some specific choices and actions to be made as the work ensues (e.g., well location, specific system layout), our budget reflects the most likely costs based on the expertise and experience of our partners and participants.

A professional operator entity will manage the water system revenue and expenditures. A percentage of the revenue will be used for long term maintenance and immediate service requirements. A portion of the revenue will also be used to provide ongoing site reviews and data storage.

We aim to draw upon a local and a diverse group, to be hired and trained to operate and manage the water system. Although government WASH authorities have final say in selecting the professional operator, we will undertake best efforts to encourage the consideration and prioritization of women-led enterprises in the selection process.

Have any of these objectives changed?
No

Have you made progress toward your project objectives?
Yes

Describe the progress you've made so far.
This description takes up after the description entered on our previous progress report.

Regular meetings:
Our Ferrier group meets via Zoom every other Monday. Participants include reps from the District 5060 Rotary clubs, the Rotary Clubs of Haiti (Cap Hatien, Oanaminthe, Liberte), OREPA, DINEPA, Foratech, Ferrier mayor, reps from Haiti Outreach, reps from Northwater, and reps from HANWASH.
We also participate in weekly HANWASH "projects" meetings where our people and members of clubs sponsoring other HANWASH water projects all meet to discuss progress, challenges, and info sharing.
Meetings also include those in Haiti, such as the continued Haiti Outreach community meetings. (Documented in the Ferrier Management reports that are attached)

More Haitian Rotary clubs involved:
Our Host club of Cap Haitien continues its close involvement with the project. In addition, the Rotary Clubs of Oanaminthe and Fort Liberte have started to participate as well. These clubs are located in towns nearer the project site.

Several MOUs and contracts have been written and finalized. These include: (and are attached):
1. Contract with Foratech for well-drilling. The first payment to Foratech has been made, from funds raised separately since the well drilling was not included in this grant.
2. MOU between RC of Cap Haitien/Hanwash and Orepa
3. MOU between RC of Cap Haitien and CRWF has been signed and funds are in the process of being delivered. These are funds directed to the well drilling, again separate from the grant funds.
4. MOU Contract between Hanwash and Haiti Outreach is being finalized.

Haiti Outreach:
Is assisting with obtaining parts for the well drilling shipment from USA to Haiti. Parts have arrived in Haiti (attached mp4 file shows brief video). (Note the well itself was not included in this grant, thus there are no new budget expenses in this report.)
Is completing community work to ensure all households that will receive water, have a latrine in place.
Is working with training the community, including train-the-trainer, in hygiene and sanitation.

See attached progress reports titled [date]Ferrier Management Report.

Northwater engineering
Assists us with understanding the communications with the well-drilling company (Foratech).
A rep from NW often participates in our Ferrier Zoom meetings.
Will oversee the well drilling.

Next steps include Foratech actions to first drill a test hole then complete the well.

Notes regarding the timeline: Our timeline has been delayed from the original projections, but the project is on course and moving, with full participation by all parties. The past year has included fundamental work on contracts and MOUs among the agencies and clubs that are involved. As one of the HANWASH Pilot Projects, we are working towards streamlining and making consistent the agreements among the host and international Rotary Clubs, HANWASH, Haiti Outreach, and the Haitian water department (DINEPA). Each of these entities has taken time to fully review such documents and agree to their part in the project.

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. Secure a suitable water source. Northwater recommends a geophysical investigation to identify locations that have the best potential to produce the desired water quality and quantity. The investigation could increase the likelihood of finding higher producing wells and thus reducing the overall number of wells necessary to meet water demands.

Duration
2 months

Status	Start Date	Completion Date
Completed	25/04/2022	01/07/2022

2. Drill a well at the location and depth recommended by the geophysical investigation. Once the well is constructed, a pumping test and water quality analysis will guide the pumping system design and water treatment requirements to achieve drinking water guidelines.

Duration
3 months

Status
In progress

3. Develop an engineering report that more accurately defines the layout, cost and operational plan for a complete water system.

Duration
2 months

Status	Start Date	Completion Date
Completed	20/05/2022	14/07/2022

4. Develop detailed plans, specifications and bidding documents for construction. The bid documents will require construction to follow local (DINEPA/OREPA) requirements for materials and methods.

Duration
2 months

Status
In progress

5. Select a contractor and construct elements of the water system. The contractor will be selected through a competitive bidding process from a list of pre-approved vendors. A professional operator entity will be recruited to review and learn about the system during construction. Local labor/materials will be used whenever possible.

Duration
10 months

Status
In progress

6. Conduct management, hygiene and sanitation education and training. The management training will seek to recruit and train a professional operator entity for the regional water system.

Duration
1-3 months initially, then ongoing under supervision of OREPA Nord with assistance from Haiti Outreach

Status
In progress

7. Water Source Land Area Review

Status	Start Date	Completion Date
Completed	01/01/2023	31/01/2023

8. Water Drilling Bidding Process

Status	Start Date	Completion Date
Completed	01/11/2022	28/02/2023

Supporting Documents

- April_2023_Ferrier_Management_Report.pdf
- Aug_2023FerrierManagementReport.docx
- CanadianRotaryWaterCRWF_RC_Cap_Haitien_Agency_Agreement_signed.pdf
- DINEPA_HANWASH_Signed_Final_MOU_for_Foratech_drilling.pdf
- FerrierWellPartsArriveHaiti.MP4
- Ferrier_1_-_Haiti_Outreach_Contract_Final_encrypted_.pdf
- July_2023FerrierManagementReport.docx
- June_2023-_Ferrier_Management_Report.pdf
- May_2023_FerrierManagementReport.docx
- Sept_2023FerrierManagementReport.docx
- WellDrillingContract20230826_OREPA_Nord_-_Foratech_drilling_contract.pdf
- WellDrillingSchedule10-16-23_Chronogramme.pdf

How many people have directly benefited from the project?
0

WATER, SANITATION, AND HYGIENE
Impact measures

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

Collection method	Frequency	Beneficiaries
Public records	Every year	100-499

RESULTS TO DATE

Collection Method	Frequency	Beneficiaries
Public records	Every year	0

2. 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	1

3. Number of individuals trained

Collection method	Frequency	Beneficiaries
Grant records and reports	Every six months	1-19

RESULTS TO DATE

Collection Method	Frequency	Beneficiaries
Surveys/questionnaires	Every week	20

4. Average daily water use by system

Collection method	Frequency	Beneficiaries
Public records	Every month	100-499

RESULTS TO DATE

Collection Method	Frequency	Beneficiaries
Public records	Every month	0

5. Gallons of water available per day from system

Collection method	Frequency	Beneficiaries
Public records	Every month	100-499

RESULTS TO DATE

Collection Method	Frequency	Beneficiaries
Public records	Every month	0

6. Net number of households paying for water using metered water system (sign ups and drop outs)

Collection method	Frequency	Beneficiaries
Public records	Every month	50-99

RESULTS TO DATE

Collection Method	Frequency	Beneficiaries
Public records	Every month	0

7. Number of people with access to improved sanitation facilities

RESULTS TO DATE

Collection Method	Frequency	Beneficiaries
Public records	Every month	118

Monitoring and evaluation

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

Person or organization

HANWASH, as Program Manager, will oversee the project's monitoring & evaluation activities, and aims to recruit and supervise a consultant or consultants to perform/support the work. This arrangement is intended to provide a check and balance on the activities performed under the Grant and the Cooperating Organizations will be asked to collaborate in the data collection process. Additionally, a local professional operator entity will report into OREPA's National Monitoring system using the mWater program. Local Contact: Myriame Dorfeuille - Director of National Observatory of Potable Water and Sanitation, Haiti. E: myriame.dorfeuille@dinepa.gouv.ht Prosper Michel Ange - TEPAC (see below for acronym definitions)

Qualifications

HANWASH is well qualified and positioned to lead this task. Since 2018, HANWASH has had a mandate from DINEPA to coordinate a program of technically sound and sustainable water and sanitation investments in several communes in Haiti, including Ferrier. In order to achieve this, HANWASH has developed a strong organizational structure composed of 45 volunteers from 20 international districts covering Haiti and other Caribbean countries, the USA, and Canada. These volunteers are organized into 11 Subcommittees representing key functional areas and core business processes, including monitoring & evaluation, and are led by a full-time Executive Director with experience in the WASH sector. The Monitoring & Evaluation (M&E) Subcommittee takes the lead role in creating a system for the collection and analysis of data and promoting a learning culture and continuous improvement process throughout HANWASH (i.e., its staff, volunteers, cooperating organizations, contractors, and the Rotary Clubs of Haiti). This Subcommittee is composed of

professionals with experience in designing M&E tools and methods, collecting and analyzing data, and producing research for publication in scientific journals. Some of the volunteers on this Subcommittee are part of the Cadre of WASH Technical Advisers within Rotary itself. The Subcommittee works in close collaboration with DINEPA, its regional offices (OREPAs), local WASH authorities, cooperating organizations and contractors, as well as local Rotary Clubs, providing program management, technical guidance, fundraising, and monitoring & evaluation support in order to strengthen the sector as a whole. For example, HANWASH has recently provided US$67,000 in funding support to ONEPA to strengthen the national M&E system with staff trainings and water quality testing kits for a survey of water points throughout the country. In addition, HANWASH has provided technical assistance and management support as well as US$25,000 in financial support to the professional operator in the commune of Cavaillon. For this Global Grant, the M&E Subcommittee will oversee M&E activities and seek to measure the following with surveys, interviews, and/or focus groups: • Capacity constraints on local stakeholders of contributing to the WASH sector; • Participation rate, learning outcomes, and sustainability of trainings and follow-up activities (e.g. by Northwater, Operators without Borders, and Haiti Outreach); • Level of stakeholder engagement in WASH sector planning in the commune; • Household demand for paid connections to the new water system. As much as possible, HANWASH and the Cooperating Organizations will strive to follow best practices in their qualitative and quantitative research methods in order to ensure overall data quality. Once operations begin and the Global Grant period ends, the professional operator entity will be accountable for its performance to government WASH authorities according to indicators established under its management contract. Although monitoring of the operations is not budgeted or included as part of this Global Grant, the professional operation will receive technical and management training. Furthermore, HANWASH and the Cooperating Organizations all have strong relationships with government authorities enabling them to advise on and influence the development of a performance management framework for professional WASH system operators throughout Haiti. Data collected as part of this Global Grant will be uploaded and made available on the online platform mWater (https://www.mwater.co/) to support transparency and accessibility by all sector stakeholders, including the Sponsor Club and International Committee. The OREPA (Regional office for drinking and sanitation) are the regional branches of DINEPA (Haitian water department). DINEPA also includes ONEPA which is the information management and data collection group; mWater is its authorized tool. mWater is a free data management program used in over 180 countries. mWater mobile apps are simple to use and work on and offline, designed specifically for regions with spotty internet service. https://www.mwater.co/ Local contacts are officials experienced with water programs. TEPAC is a French acronym for the local WASH technician. Please note that on the list of "How will you measure," above, several items may appear as "other." These will be measured monthly and include: • Average daily water use by system • Gallons of water available per day from system • Net number of households paying for water using metered water system (sign ups and drop outs)

Has this person or organization changed?

No

Participants

SPONSOR PARTICIPATION

What roles and responsibilities did host sponsor members have?

Magarette Georges keeps the financial records along with Sherry Chamberlain of the International Club; they evaluate contracts and MOUs with the suppliers. They keep track of all bank transactions together and they are stored in a shared dropbox folder. Junior Jean and Magarette Georges participate in the monthly community meetings, and participate in regular Zoom meetings with the international members and supporting organizations. The new President of the Cap Hatien club, Celine, also now participates in these meetings. The Cap Hatien Rotarians lead sessions at all area clubs on the updates of the project and promotion to encourage multi club participation. Junior Jean works in the area and does site checks and communicates to our project planning team about the site location, meetings, community engagement, weather, health of the area, and along with Magarette will get us documents as required. They meet regularly with the area officials and were instrumental in getting land rights authorizations for the drilling location. We have members of Hanwash in Haiti that work with Magarette and the Rotary club about the Hanwash program and the progress of the Ferrier project. The host club meets regularly with Haiti Outreach project supervisors who keeps regular data and meeting minutes and records them to MWATER online portal.

What roles and responsibilities did international sponsor members have?

Sherry Chamberlain and Carin Smith participate in regular (weekly) Zoom meetings with HANWASH, Northwater, Haiti Outreach, and the Cap Hatien Rotary Club. These meetings include Northwater who is our main contractor and engineer for the project as well as folks from Operators without Borders and other water engineers. Carin Smith worked with Haiti Outreach to better document their hygiene training program. Sam Dilly a Washington State water engineer and a Vancouver BC water engineer both evaluate all documents that come from Northwater on behalf of our international clubs. We also have had members of the Wenatchee Confluence Rotary club (Bealinda Tidd) actively participate in meetings (via zoom). The East Wenatchee Rotary Club has an ongoing fundraising effort (Water from Wine) that has raised funds to help cover the costs inadvertently left out of the grant. Both clubs of the international sponsor side are still presenting on Zoom and in person on the Hanwash/Ferrier Global Grant project for more fundraising as needed and to keep all clubs up to date on the progression of this project. Sherry and Carin have made it their responsibility to write this report and have it submitted on time, gathering information from the Host club participants and the supporting organizations.

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
1.	Club	Wenatchee Confluence
2.	Club	East Wenatchee
3.	Club	Kamloops West

COOPERATING ORGANIZATIONS

1. HANWASH

8200 Seminole Boulevard
Seminole FL

33772
United States

www.hanwash.org

Describe how cooperating organizations participated in the project.

HANWASH is the umbrella organization under which this project was created. HANWASH leadership and members help by providing knowledge and expertise at every stage. Their legal team assists with evaluating and preparing legal documents. HANWASH as an organization has strengthened, grown and developed since our initial grant application. With several water projects underway, sponsors of each project share lessons learned and help one another with each step. HANWASH staff assist with all the projects including project management, and real-time translation during zoom meetings. HANWASH has multiple committees focusing on legal, projects, monitoring & evaluation, marketing, and more. Our local and host club Rotary members, as well as reps from Haiti Outreach and Operators Without Borders, participate in various HANWASH committees, sharing knowledge, expertise, and lessons learned, such that all of us can do our best. We are having multiple weekly meetings via Zoom and our Haitian partners continue to participate. We also communicate continually via email and Whatsapp with Rotary Clubs of Cap Hatien and Ouanaminthe, HANWASH, DINEPA/OREPA, Haiti Outreach, and Northwater Engineering.

2. Haiti Outreach Inc.

8441 Wayzata Blvd. Suite 118
Golden Valley MN
55426
United States

www.haitioutreach.org

Describe how cooperating organizations participated in the project.

Haiti Outreach is actively involved in community meetings, site visits, and ongoing work to prepare the residents for their future water service. This includes managing expectations about a pay-for-service system, assisting residents in creating/improving their latrines, and educating residents about basic hygiene principles. We are having multiple weekly meetings via Zoom and our Haitian partners continue to participate. We also communicate continually via email and Whatsapp with Cap Hatien and Ouanaminth Rotary, HANWASH, DINEPA, Haiti Outreach, and Northwater (engineering firm). HAITI OUTREACH (HO) sends project supervisors to every meeting held in the Ferrier commune and records data of the meetings. They assist with the latrine designs and training.

3. Operators Without Borders

1820 W 10th Ave
Vancouver BC
V6J 2A7
Canada

www.operatorswithoutborders.org

Describe how cooperating organizations participated in the project.

Members of Operators without Borders are active participants in regular online (Zoom) meetings. Valerie Jenkinson and Madeleine Butschler from OWB provide input about training and writing of the training manuals.

4. OREPA Regional Office for Drinking Water and Sanitation

HT1110 77, Rue 23, Boulevard
Cap-Haitien
Haiti

https://www.dinepa.gouv.ht/orepa/

Describe how cooperating organizations participated in the project.

OREPA is the local water agency. Their representatives attend our Zoom meetings and the local community meetings. They are working with HO and the Cap Hatien Rotarians to prepare the local community members for their future water service. OREPA will manage the water system once it is complete. We are having multiple weekly meetings via Zoom and our Haitian partners continue to participate. We also communicate continually via email and Whatsapp with Cap Hatien and Ouanaminthe Rotary, HANWASH, DINEPA, Haiti Outreach, and Northwater (engineering firm). OREPA/DINEPA obtained the land rights for the water system location and are the communications link between Hanwash/Rotary and the community members.

Project Expenditures

Grant amount:
490,355 USD

Expense log

Date	Description	Category	Amount (USD)
08/04/2022	25% of cost for Geophysical Investigation Invoice#22-1155	Operations	5500
08/04/2022	25% of the Invoice #22-1155 for Production Well Design	Equipment	3000
08/04/2022	25% of the Invoice #22-1155 for Engineering Report	Operations	3000
08/04/2022	25% of the Invoice #22-1155 for Task 4 Engineering Plans and Specs, Item 11	Operations	3500
08/04/2022	25% of the Invoice #22-1155 for Task 5/6 Bidding, Item 10	Project management	1875
08/04/2022	25% of the Invoice #22-1155 for Task 5/6 Supervision Item 10	Project management	5625
11/08/2022	75% of remaining cost for Geophysical Investigation Invoice#22-1194, Item 1	Operations	16500
11/10/2022	16.67% of Production Well Design, Invoice# 22-1194, Task 2, Item 2	Equipment	2000
16/08/2022	50% of the Hanwash Project Management Fee, Item 9	Project management	9000
16/04/2022	Contingency for bank commission, TCA-	Supplies	93.94

	transfer tax, FTCUI-trade, Timbres-wire transfer-Northwater		
09/08/2022	Contingency for bank commission, TCA-transfer tax, FTCUI-trade, Timbres-wire transfer-Hanwash	Supplies	63.5

Expense summary

Category	Budget (USD)	Expenses (USD)	Variances (USD)
Equipment	242755.00	5000.00	237755.00
Monitoring/evaluation	23600.00	0	23600.00
Operations	48500.00	28500.00	20000.00
Project management	48000.00	16500.00	31500.00
Supplies	48000.00	157.44	47842.56
Training	79500.00	0	79500.00
Totals:	**490355.00**	**50157.44**	**440197.56**

Did your project have any unexpected or unusually large variances?
No

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

- Bank_report_March_2023_(1).docx
- Financials_Ferrier_#1_GG#2123289.xlsx
- PHOTO-2023-10-12-13-34-41.jpg
- PHOTO-2023-10-12-13-35-01.jpg
- facture_No_2_(2).pdf

FINANCIAL MANAGEMENT

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

Sherry Chamberlain, Magarette Georges, Junior Jean, Ryan Rowe, and Carin Smith.

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

Sherry Chamberlain and Magarette Georges keep track of the financials. Magarette is in charge of the bank records. Sherry keeps a spreadsheet with the grant budget items, timeline, notes and tracks when the items are done and the money is spent. The only financial transactions occurring at this time is the Well Drilling expenses and fundraising which is not part of the grant. Donations were made from Wenatchee Foundation, Canadian Rotary Water Foundation and Hanwash in order to pay the expected expense of $52,623.00 which was not part of the grant. Funds are received and the first payment to Foratech has been made to order drilling parts of $8,500. On October 18 a wire transfer has been sent to Foratech for the first payment of the mobilization of drilling totalling $19,900.13 USD. These expenses are not part of the GG.

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

Supporting Documents

- 10-16-23_Chronogramme_(1).pdf
- Bank_report_March_2023_(1).docx
- Ferrier_1_Bank_Statement_20230630.pdf

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.

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AUTHORIZATION SUMMARY

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Sponsor authorizations

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