

PD-AAA-970-E1 MONTHLY ACTIVITY REPORTAUGUST 1977

PROJECT: 521-15-190-069

THE J.G. WHITE ENGINEERING CORPORATION
HAITI Irrigation 4792**I** INTRODUCTION

Staff level of the J.G. White Engineering team remained constant during the month although the following internal changes were implemented:

Paul Holm, irrigation engineer, departed to attend seminar in Bangkok, coinciding with his termination of contract. W.D. Cameron, project manager, will assume Mr. Holm's work. Eng. Lionel Estimé was employed as design engineer and to assist in maintaining closer liaison between the contractor and DARNDR. Mr. Jean Seam Ricot was employed as J.G. White representative and liaison at Jean Rabel. ?

It is felt that the above personnel changes should assist in closing any "communications gap" between the contractor and DARNDR.

Mr. Bernard Stallard, Project Coordinator, of J.G. White's New York Office arrived 21 August for a routine supervisory visit. He inspected both the projects of Jean Rabel and Dubreuil. Mr. Stallard brought with him 4 portable transceivers (Walkie-Talkies) for experimental use by field personnel at the two projects. From preliminary reports, these radios should prove to be time and money savers.

Irrigation project work at Jean Rabel was suspended in July pending evaluation of alternate sites by DARNDR. This evaluation had not been completed by the end of August.

J.G. White Engineers have recommended that other work in connection with the irrigation system should continue as most portions of the system would not be effected by the proposed minor relocation of the diversion structure. Access roads, culverts, flumes, plus several kilometers of secondary canals could be constructed.

The decision was made by DARNDR not to proceed with any work until the final location of the diversion structure was determined.

II GENERAL ACTIVITIES

Activities accelerated at Dubreuil with the receipt of \$30,000 in operating funds from Port-au-Prince. Outstanding accounts were paid and workers salaries brought up to date. At the end of August \$17,904.32 remained in the Dubreuil Project account. Reflecting on the delays associated with the last increment of operating funds. It is suggested strongly that a means for insuring a constant flow of funds to the project be established at the Port-au-Prince level. Now is not too soon to start coordinating the principal elements necessary to provide such a flow of funds. Current projections point to the fact that the Dubreuil Project will likely run out of operating funds shortly after October 1, 1977.

The paper outlining the basic requirements of the Dubreuil Irrigation District, as suggested by the Director General, DARNDR, is still under consideration by the DARNDR staff in Port-au-Prince. Details of statutes and operations of the district will be prepared by the DARNDR staff. The paper, developed by the Cayes District staff and J.G. White has now been under consideration at Damiens for one month. The Director General asked at a meeting in Port-au-Prince with the Cayes District Agronome, the head of Animation Rurale, and a J.G.W. Advisor that an Irrigation District should be formed according to local conditions. It is probably unnecessary to point out that these local conditions are explicitly explained in all of the reports which have been submitted by the District Agronome and by J.G.White Eng. Corp.

As reported in July, the District Agronome and other chiefs of Services assigned to the Dubreuil project agreed that the chief of the Section Animation and the Agronome/Agriculture from Cayes

should go to Port-au-Prince to see what could be done to assist the 10 groups in the Dubreuil region in obtaining B.C.A. credit. This credit is needed to provide them with the necessary capital for adaptation of the improved cultural practices which will be required with irrigation to achieve the full potential of the land. While no written document of agreement was issued by B.C.A., the Director General of that bank was reported to have orally agreed to accommodate the projects credit needs to the extent of 30% of the proposed requirements, provided that:

- a) 60% of the project requirements are provided in kind (fertilizer, seeds, etc) presumably by DARNDR .
- b) 10% of the cash requirements is provided by the groups themselves.

It is almost a certainty that the groups (members) will be able to meet their 10% requirement. What is needed is assurance from DARNDR that the 60% in kind requirement can be met. A copy of the report containing detailed information concerning the visit to B.C.A. is contained in this report.

It is recognized by all concerned that credit is not included in the Dubreuil Rehabilitation Project. No project funds may be used to set up a credit program. On the other hand it is also recognized that to achieve the desired results of increased income the farmers will have to have access to operating funds. The project of Rehabilitation of Dubreuil provides them with an excellent opportunity to learn how to manage capital in conjunction with the other factors of production under their control ie land,

water, labor. Therefore, it is felt that existing lending agencies such as B.C.A. should be encouraged to take an in-depth look at projects such as Dubreuil and the project support requirements for the future. At the same time, Damiens has experienced the interest shown by the farmers of Dubreuil and their local staff assigned to Dubreuil, and can no doubt see the advantages of considering the overall inputs which will be necessary for successfully balancing out the factors of production for Dubreuil and other similar projects.

Three secondary canals have been planned by topographers assigned to the Dubreuil Project. This will allow work on these canals to proceed. However, hampering the masonry construction portions of these canals is the shortage of construction materials, sand, gravel, rocks. During July, much progress was made in transporting these materials to construction sites, however no progress was made during August. The reason for this short-fall is that the one Dump truck assigned to the project was out of service due to break-downs. Spare parts required could not be located locally or in Port-au-Prince. Back-up trucks, standardization of makes, and encouragement of Dealers to stock necessary spare parts is a necessity if efficient use of trucks and other equipment is to be realized.

Spirit of corps of the 16 teams from the ten groupments ran high after receiving their delayed salaries. In one case, for two Saturdays in a row, 2 teams voluntarily worked at cleaning canals. The project construction engineer was on hand to give them technical and moral support. In another case, the teams worked voluntarily until 5:00 p.m.

On Monday 22 August, Acting USAID/Haiti Director, Mr. Parke Massey, along with USAID and U.S. Embassy staff members toured selected parts of the Dubreuil Project. Problems were pointed out and discussed.

Among the most persistent problems are: shortage of an adequate number of Haitian engineers assigned to the project; unbalance of machinery requirement relative to the labor force utilized (and project completion requirements); and lack of an adequate transport capability for both materials and staff personnel. Needless to say, these are problems which, if not solved at Dubreuil, will eventually crack the morale of all participating in the project and the product of the effort expended will be negligible.

The switch-over from the present system of paying a daily wage to a contract system for groups working on the project started with an orientation of leaders by DARNDR staff members assigned to the project. The details of how the contract system works as well as contract forms were explained to the leaders who were then asked to inform team workers. All leaders indicated their understanding and agreement to the change over; however, some problems are anticipated. Some adjustments may have to be made in established contract prices for fixed quantities of the various kinds of work. A close observation of reactions experienced during the change-over will give an indication as to additional motivation required.

The food program which was discontinued consisted of a meal at noon. With the meager breakfasts that most of the workers have, the noon meal became an acknowledged incentive.

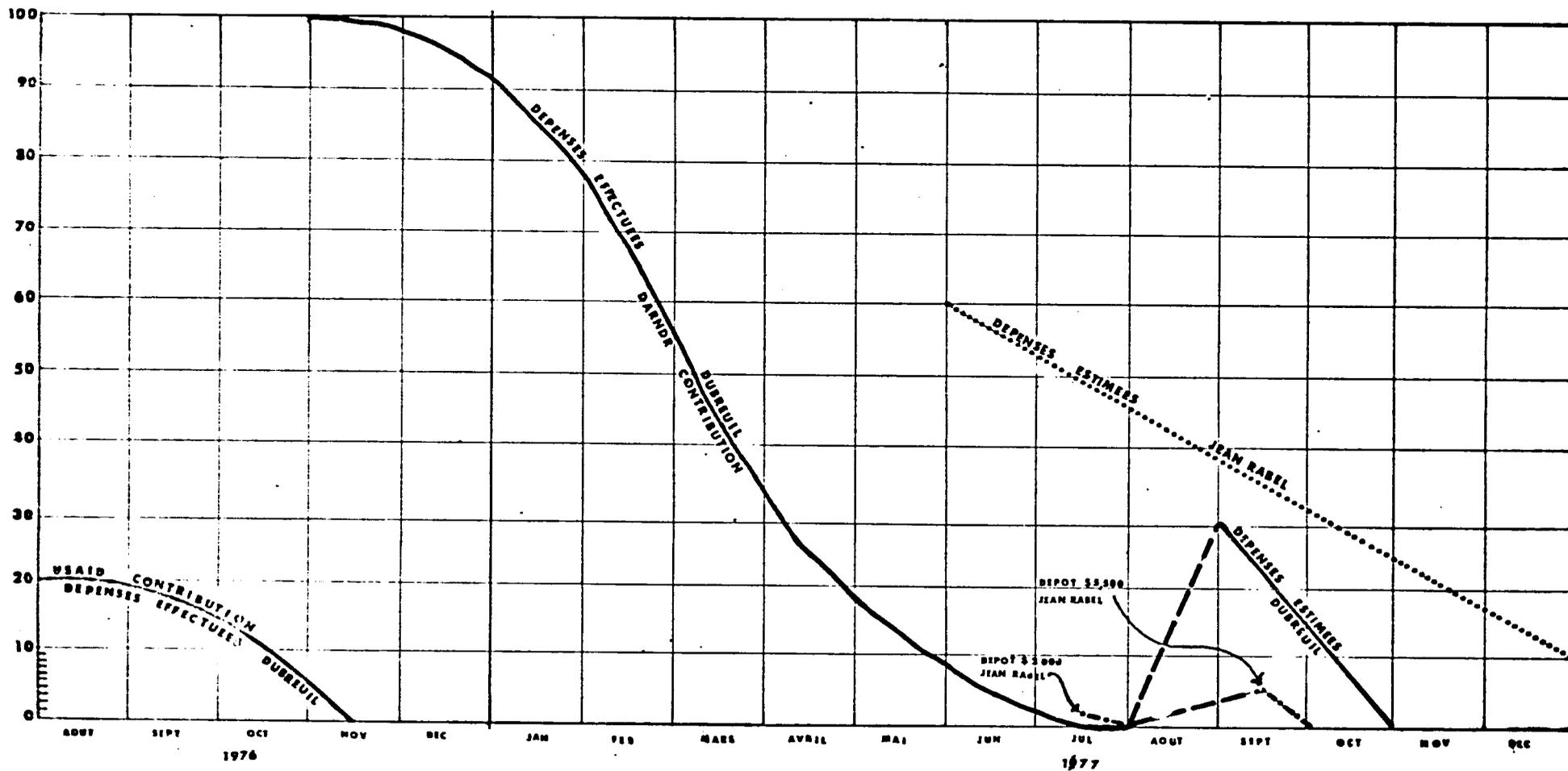
Many of the group members still express themselves openly on this point. [The change-over from the daily wage system to the contract system will take place during the first part of September. It would undoubtedly be a much smoother transition if the food program could be reinstated simultaneously.]

Food being as valued as it is, the activities of the Agronome in charge of project agriculture (distributing Pioneer Sorghum seed) were very much appreciated by the groups participating. Improved cultural methods and benefits of using this improved seed were extended to the groups.

The District Agronome has recognized the need for additional personnel to fill out Dubreuil Project staff requirements. Action he has taken in this respect can be noted in detail in his letter to the Director General (DARNDR) dated 16 August, 1977 a copy of which is included in this report.

SITUATION FINANCIERE DUBREUIL - JEAN RABEL

MILLIER
DE US \$



DUBREUIL REHABILITATION PROJECT

To : Directors of Dubreuil Project
From : Agronomy Section
Subject : Activity Report for August

The Agronomy Section submits to the Directors different activities incurred in August. With the emergency program, in some habitations, certain activities are on their way.

Under the supervision of the agronome in charge of a plan executes the works. To that effect, five assistant extensionists from which two are employed by DARNDR, three by Dubreuil Project help the agronome in his work. Five habitations have been chosen to start the operations. The main problems encountered are the small superficies available in the valley, for actual plantation. This is due to the fact that the inputs came too late in view of the agricultural calendar in the project area. Most of the land is being cultivated. The land planted with corn ready for crop is already sowed with local sorgho seed (6 month variety) this is due to the assistant-extensionist diligence.

Superficies which are not being cultivated were put at our disposal.

We are submitting the list of projected habitations, superficies per habitation and assistant-extensionists.

<u>Habitations</u>	<u>Superficy Ha.</u>	<u>Assistant-Extensionists</u>
St. Félix	7 ha. corn 2 " sorgho	Dutan Valcin
Ducis	3 " corn	Antoine Chaperon
Massieux	3 " corn 2 " sorgho	Reynold Cadet
Burin II	6 " corn	Phenor Corner
Gerard I	<u>3 "50 corn</u> 26 "50	Fleondor Desjardins

Corn and sorgho seeds sent by DARNDR to execute the activities are respectively of 3 month or 3 and a half month.

At the beginning of this campaign it is difficult to forecast the results concerning the activities underway.

Charité Jean
Agronomy Section

DUBREUIL REHABILITATION PROJECT

From: Agronomy Section and Rural Motivation
To : Direction of Dubreuil Project
Subject: Report of Activities incurred at DARNDR

In view of starting the agricultural activities, Agriculture Section and Rural Motivation Section have worked out an estimate for the agricultural exploitation which amount at 104 ha. To this effect a request for a grant covering the above mentioned superficies were formulated and sent to the central office of B.C.A. located at DARNDR.

On Thursday 28 July we had a short talk with agronome Robert Cassagnol "responsible for AID". When informed of our request, he accompanied us to the B.C.A. to contact Agronome Rodini Conte, B.C.A. Director.

At the meeting were agronomes Rodini Conte, Director; Robert Cassagnol, AID Representatives; Monteguy Cantave, in charge of Alimentary cultures; Charité Joan, in charge of Dubreuil Project Agricultural section, and Nerva Cassion, in charge of Dubreuil Project Rural Motivation section.

The document was submitted to the people concerned to be analyzed. Because of the shortness of the meeting, no decision was taken. An appointment was made for the next morning at 8:30, the document was again scrutinized. The request for grants were verbally approved by B.C.A. Director under certain conditions.

An amount of \$28,987.80 representing the credit requested were divided as follow:

- 1.- Credit in nature (Inputs - fertilizer - seeds and pesticide)
so 60%\$17,392.20
- 2.- Credit in Cash granted by B.C.A.
so 30%\$8,696.90
- 3.- The balance of total amount representing the farmers participation.
so 10%\$2,898.78

To officialize this grant request, the presence of Agronome Max Mandésir was necessary. We had to wait in vain for three days (Monday-Tuesday-Wednesday). He could not leave Cayes to go to Port-au-Prince because of administratives concerns.

DUBREUIL REHABILITATION PROJECT

Cayes 31 August, 1977

To : Dubreuil Rehabilitation Project Supervision
From : In charge of Rural Motivation Section
Subject: Report for August 1977

At the end of July and the beginning of August a delegation went to Port-au-Prince to the B.C.A. to submit and discuss a document concerning a credit grant of \$28,987.80 to members of Agricultural groups desire to start potential agricultural activities. (Ref. report jointly signed with the chief of agronomy section).

From 8 August to 26 August we participate to a training seminar institutional agricultural credit, organized by B.C.A. in Port-au-Prince. We were satisfied and the knowledge acquired will one day serve the country.

During our absence, our assistant organized a meeting at Gerard with all members of the Administrative council of ten groups. This meeting was held in order to teach the members how to work minutes of meetings and how to keep the presence book for the meetings. Then he distributed the membership cards to members.

Our objectives to be reached in September are:

- a) to carry out a socio-economical study within the groups
- b) to bring the peasants to form a saving and credit cooperative

c) to collect funds for a social capital. The second point will not be easy to realize but not impossible. We are thinking in developing the question in more details in the next planification meeting suggested in our visits schedule.

NLC/mfr

DUBREUIL REHABILITATION PROJECT

Schedule of visits for Dubreuil Project Rural Motivation Section and G.A.C. Section of EDAPS Project for September and October 77

Wednesday 31 August	5:00 p.m.	Meeting at Gérard
Thursday 1 Sept.	8:00 a.m.	Contact with the Maniche CACEM
Friday 2 "	11:00 a.m.	Contact with the Massé Group
Wednesday 14 "	5:00 p.m.	Meeting at Bourdet
Thursday 15 "	5:00 p.m.	Meeting at St. Félix
Monday 19 "	5:00 p.m.	Meeting at Leduo-Ducis
Wednesday 21 "	5:00 p.m.	Meeting at Bérault
Wednesday 28 "	5:00 p.m.	Meeting at Welsh
Thursday 29 "	5:00 p.m.	Meeting at Chalette
Monday 3 October	5:00 p.m.	Meeting at Gérard
Thursday 6 "	5:00 p.m.	Meeting at Burin I
Monday 10 "	5:00 p.m.	Meeting at Burin II
Wednesday 12 "	5:00 p.m.	Meeting at Massieux
Thursday 13 "	5:00 p.m.	Meeting at Boval
Wednesday 19 "	5:00 p.m.	Meeting at Labey
Thursday 20 "	5:00 p.m.	General Assembly Meeting for all the groups mentioned above

For routine activities we would like to have a vehicle on Monday, Wednesday and Friday morning.

N.B. This schedule of visits represents our working program for Sept. and Oct. 1977. The responsible would be happy if the Project Supervision would organize, any morning during this week, a plenification meeting.

Les Cayes, 29 August 1977

Nerva L. Cassion
In charge of the Rural
Motivation and Agricultural Groups

DUBREUIL REHABILITATION PROJECT

Cayes, 31 August 1977

From : Engineer Hugues Bien Aimé
To : Project Direction
Subject: Report for August 1977

At the end of each month the person in charge of the work at Dubrauil although reports to the project Direction and requests necessary materials without satisfactory answer. I am wondering if the reports when sent are put somewhere which will prove that nothing has changed and a lot of money is spent at the project.

We must note that for a year I have been working full time in very bad conditions receiving a salary of \$100 like the ones working part time who receive a \$100 and from another project again a \$100 which put him at \$200 against \$100 which I receive. The technician in agriculture or an extensionist working by your side part time, receives as much for expenses than the engineer in charge.

Therefore, this month I am putting a claim for justice against these illegal abuses to the Directors will look into the matter to reach a satisfactory solution. To this privilege; the fact is that I have accepted these things and I am not able to resign. They are wrong, what I see is to help the responsible of DARNDR to save the under nourished population of my country. Furthermore, as for the works announced previously, works under contract, we just received the following rate:

Rate for payment of Contractors:

Concrete	:	6	at	\$7.00	:	m ³
Masonry	:	4	at	5.00	:	m ³
Coating and rough casting	:			1.20	:	m ³
Reinforcing	:			0.04	:	pounds
Columns form	:			3.50	:	"
Base	:			1.50	:	"
Concrete slab-forms	:	1	at	1.20	:	m ²
Bottoming	:			1.00	:	m ²
Excavation	:			1.00	:	m ³
Cleaning	:			0.10	:	m linear
Sand screened and washed	:			5.00	:	the truck
Gravel screened and washed	:			5.00	:	the truck
Rocks	:			3.00	:	Fathom 4 x 2 x 1

A meeting was held with the community groups about the contract and rate and after discussions they were entirely satisfied with the conditions stipulated. Because of the dump truck break down for a month and the small truck since 3 days we won't be able to assure delivery of cement on site works. The works won't start at the beginning of September because of lack of transportation ; although we have the money, iron etc.

Technical works accomplished during August 1977:

- a) Construction of two small bridges at Dubreuil — $2m90 \times 1.60 \times 0.20$
- = $0m^3_{93}$
- = $1m^3_{86}$
- Total concrete volume
- b) 6 Concrete plates type: $1.70 \times 0.80 \times 0.15$ = $1m^3_{21}$
- " " " " : $1.40 \times 0.80 \times 0.15$ = $0m^3_{96}$
- " " " " : $1.20 \times 0.80 \times 0.15$ = $0m^3_{84}$
- " " " " : $1.30 \times 0.80 \times 0.15$ = $0m^3_{90}$
- Total reinforced concrete volume: = $3m^3_{91}$
- so 40 bags of cement- $50\frac{3}{8} \phi \times 30'$ - $10\frac{1}{4} \phi \times 30'$
and $5\frac{1}{2}'' \times 30'$ were used.

Topographic Section:

- a) Profile of drain at Lomond — 0 + 000 to 0 + 600
- b) Excavation of Bérault canal — 1 + 700 to 1 + 770
- c) Total embankment volume — $0m50 \times 0,70 \times 0.60 = 21m^3_{80}$
- c) Clearing of Burin I canal and cleaning — 600 meters
- d) Clearing of Bérault canal — 300 meters

Stockage of materials such as gravel, and washed/screened sand, and rocks. They were not used because of no truck for transportation.

cc: General Direction
Natural Resources Division
J.G. White Eng. Corp.

Hugues Bien Aimé
Engineer in charge of work sites

DUBREUIL REHABILITATION PROJECT

Cayes, 30 August 1977

MM. Clarence Burgett
Max Mondésir
Dubreuil Project Supervisors

Could you please open a current account at BNRH, Cayes, under the following name "Dubreuil Rehabilitation Project Community groups section". This account will receive the funds provided by the members social capital.

Sincerely yours,

Nerva L. Cassion
Responsible of the
Rural Motivation Section
Dubreuil Project

CAYES AGRONOMY DIVISION

Cayes, 16 August 1977

From : Max Mondésir, Agronome/Director Cayes Agricultural District
To : DARNDR General Director
Subject: Request for New assignment of Technicians for Cayes
Agricultural District

In order to have better working division in the District, which is necessary for a good administration, we would like to request again from DARNDR Direction (request already formulated) to assign new agronomists, engineers and technicians in agriculture to Cayes District.

Agronomists: Four (4)

One Agronomist Extensionist Supervisor (Cayes District)

One Agronomist in charge of the ~~under~~-districts Les Anglais and Roche à Bateau

Two Agronomists assigned at 100% to the Dubreuil Rehabilitation Project.

Technicians in Agriculture: Eight (8)

Five in Dubreuil Rehabilitation Project

Three in Cayes Agronomy

Engineers: Two (2)

Two in Dubreuil Rehabilitation Project

We want to inform the General Direction that the Agronomists Frantz Georges and Yvette Nassam who are now in Training at Port-à-Piment following the emergency plan for Alimentary Production, have requested to do their civilian service in the Cayes District.

Max Mondésir, Agronome
Cayes District
Agricultural Director

MM/se

C.C.

Minister
Minister's Assistant
Agricultural Division
Agricultural Extension
Inspection & Control
Administration

To: Mr. Clarence Burgett
J.G.White Eng. Corp.

Herewith a copy of the financial report up to 31 August 1977.

It includes:

- 1) The situation of the expenses by position up to 31 August 1977
- 2) The financial situation showing the balance of available funds up to 31 August 1977.

William Timmer, Manager

PROJET DE REHABILITATION DE DUBREUIL

SITUATION DES DEPENSES PAR POSTE AU 31 AOUT 1977

01.-	<u>PERSONNEL</u>		
1.1)	Salaires et indemnités personnel spécialisé.....	\$	16.701.04
1.2)	Salaires E.O. non spécialisé.....		54.090.50
02.-	<u>DISTRICT D'IRRIGATION DUBREUIL</u>		
2.1)	Retenues pour District d'Irrigation Dubreuil.....	\$	15.477.30
03.-	<u>EQUIPEMENT - OUTILLAGE - FOURNITURES</u>		
3.1)	Petits équipements et outillage.....	\$	2.659.20
3.2)	Transport et ramutention.....		765.40
3.3)	Entretien et réparation véhicules.....		5.715.76
3.4)	Carburant et lubrifiant.....		14.929.88
04.-	<u>CONSTRUCTION ET AMENAGEMENT</u>		
4.1)	Matériaux pour construction et aménagement.....	\$	20.137.04
05.-	<u>FRAIS GENERAUX DE FONCTIONNEMENT</u>		
5.1)	Loyer.....	\$	260.00
5.2)	Fournitures de bureau.....		1.908.21
5.3)	Frais postaux et câbles.....		20.87
5.4)	Electricité.....		76.42
5.5)	Frais imprévus.....		50.00
5.6)	Soins médicaux.....		89.31
06.-	<u>AVANCES RECUPERABLES</u>		
6.1)	Avances aux employés et au Projet de Port-à-Piment.....	\$	2.782.60
07.-	<u>FORMATION</u>		
7.1)	Session de formation locale.....	\$	1.462.15
			<u>\$ 137.125.68</u>
	<u>SITUATION FINANCIERE AU 31 AOUT 1977</u>		
	Cash en Banque.....	\$	17.804.43
	Cash en Caisse.....		99.89
	TOTAL.....	\$	17.904.32