



*Territory of Guam*

*Territorial Guam*

OFFICE OF THE GOVERNOR  
UFISINAN I MAGA'LAHI  
AGANA, GUAM 96910 U.S.A.

RECEIVED APR 25 1989  
DJ - 4:19 pm

APR 25 1989

The Honorable Ted S. Nelson  
Speaker, Acting, 20th Guam Legislature  
163 Chalan Santo Papa  
Agana, GU 96910

Dear Mr. Speaker:

It is my pleasure to transmit to you Bill No. 546, which I have today signed into law as Public Law 20-6.

Rarely, Mr. Speaker, does the opportunity come for us, as public servants, to fulfill our vow to the people of Guam as clearly as we have done today; this new law will provide the means for us to end - once and for all - the suffering of the people of the South.

No longer will the people of the South have to endure the indignity of low water pressure - or no water at all. No longer will the health of our people of the South be endangered through the lack of adequate - and healthful - drinking water. No longer must the people of the South confront severe water rationing in time of drought.

The Ugum River project which this Law authorizes will end all this - providing an abundant and safe water supply for the people of the South. Additionally, by reducing the strain on the northern water aquifers, the remainder of the island will benefit as well.

Finally, I would like to call attention to another section of P.L. 20-6 which has tremendous implications for the people of Guam. The declaration that all water on Guam - whether above or below ground - belongs to the people of Guam is an historic declaration. For the first time, the people of Guam will derive full benefit from their natural resources. Water is perhaps the most limited of our precious resources; surely, it is most appropriate for us to protect that resource to the utmost of our abilities. P.L. 20-6 enables us to do just that.

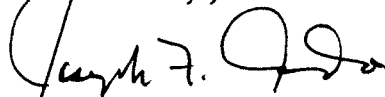
The Honorable Ted Nelson  
Page Two

Mr. Speaker, I cannot emphasize enough how wonderful it was that our two branches of government - Executive and Legislative - were able to move swiftly and in concert to address this Bill. It has long been my dream that we could work together in the cooperation - the true spirit of our heritage which has made us a great people.

I am grateful that we were able to live up to that spirit in the passage of Bill 546. It is my sincere hope that we can continue this spirit of cooperation in the months and years to come as we continue to fulfill our sacred oath - to serve and to protect the people of Guam.

Thank you and si yu'os ma'ase.

Sincerely,



JOSEPH F. ADA  
Governor

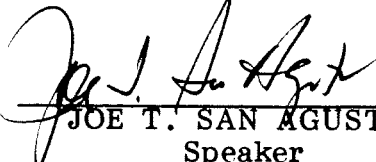
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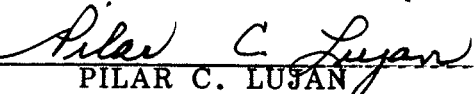
TWENTIETH GUAM LEGISLATURE  
1989 (FIRST) Regular Session

CERTIFICATION OF PASSAGE OF AN ACT TO THE GOVERNOR


This is to certify that Substitute Bill No. 546 (COR), "AN ACT TO AUTHORIZE AND APPROPRIATE SIX MILLION EIGHT HUNDRED THOUSAND DOLLARS FROM THE GENERAL FUND TO THE PUBLIC UTILITY AGENCY OF GUAM FOR THE CONSTRUCTION OF MALOJLOJ-INARAJAN WATER SUPPLY DEVELOPMENT, AND TO APPROPRIATE THE SUM OF THREE MILLION ONE HUNDRED EIGHTY-FIVE THOUSAND DOLLARS FROM THE GENERAL FUND TO THE PUBLIC UTILITY AGENCY OF GUAM FOR THE PURPOSES OF IMPROVING WATER DELIVERY SERVICES TO TALOFOFO-BAZA GARDENS, WINDWARD HILLS, AGAT-SANTA RITA WATER SYSTEM AND FOR OTHER PURPOSES," was on the 12th day of April, 1989, duly and regularly passed.

  
\_\_\_\_\_  
JOE T. SAN AGUSTIN  
Speaker


Attested:

  
\_\_\_\_\_  
PILAR C. LUJAN  
Senator and Legislative Secretary

-----  
This Act was received by the Governor this 14<sup>th</sup> day of April, 1989,  
at 6:05 o'clock p.m.

  
\_\_\_\_\_  
Domingo M. Reyes  
Assistant Staff Officer  
Governor's Office

APPROVED:

  
\_\_\_\_\_  
JOSEPH F. ADA  
Governor of Guam

Date: April 25, 1989

Public Law No. 20-6

With the exception  
and reduction in  
the accompanying  
letter

TWENTIETH GUAM LEGISLATURE  
1989 (FIRST) Regular Session

Bill No. 546 (COR)  
As substituted by Committee on Energy,  
Utilities and Consumer Protection 4/10/89

Introduced by:

D. Parkinson  
F. J. A. Quitugua  
G. Mailloux

---

E. D. Reyes  
T. S. Nelson  
M. Z. Bordallo  
H. D. Dierking  
E. P. Arriola  
J. P. Aguon  
P. C. Lujan  
C. T. C. Gutierrez  
J. T. San Agustin  
F. R. Santos  
A. R. Unpingco  
J. G. Bamba  
D. F. Brooks  
M. D. A. Manibusan  
M. C. Ruth  
E. M. Espaldon  
E. R. Duenas  
T. V. C. Tanaka

AN ACT TO AUTHORIZE AND APPROPRIATE SIX MILLION EIGHT HUNDRED THOUSAND DOLLARS FROM THE GENERAL FUND TO THE PUBLIC UTILITY AGENCY OF GUAM FOR THE CONSTRUCTION OF MALOJLOJ-INARAJAN WATER SUPPLY DEVELOPMENT, AND TO APPROPRIATE THE SUM OF THREE MILLION ONE HUNDRED EIGHTY-FIVE THOUSAND DOLLARS FROM THE GENERAL FUND TO THE PUBLIC UTILITY AGENCY OF GUAM FOR THE PURPOSES OF IMPROVING WATER DELIVERY SERVICES TO TALOFOFO-BAZA GARDENS, WINDWARD HILLS, AGAT-SANTA RITA WATER SYSTEM AND FOR OTHER PURPOSES.

1 BE IT ENACTED BY THE PEOPLE OF THE TERRITORY OF GUAM:  
2 Section 1. Legislative Findings:

1 a) The population and economic growth on the island have  
2 reached a point where the existing water system cannot  
3 adequately meet the ever-increasing demand. This is  
4 especially true in southern Guam, which encompasses about  
5 twenty-four percent of the total population and experiences  
6 perennial and severe water shortages. This problem is  
7 mainly due to the fact that the main source of fresh water  
8 supply is the northern groundwater lens from where it has  
9 to be pumped several times through long pipelines to the  
10 southern villages.

11 b) To alleviate once and for all these perennial water problems  
12 of the southern villages a surface water supply system shall  
13 be developed. The Ugum River has been selected for this  
14 purpose because because of its record of year-round  
15 adequate flow.

16 Section 2. Six Million Eight Hundred Thousand Dollars (\$6,800,000)  
17 are authorized to be appropriated from the General Fund to the Public  
18 Utility Agency of Guam to develop a new potable water supply located on  
19 the Ugum River in the Municipality of Inarajan. The project shall be known  
20 as the "Malojloj-Inarajan Water Supply Development". In addition, Three  
21 Million One Hundred and Eighty-Five Thousand Dollars (\$3,185,000) are  
22 authorized to be appropriated to the Public Utility Agency of Guam for  
23 Phase III of the project for improvements to the Talofof-Baza Gardens,  
24 Windward Hills, and Agat-Santa Rita water systems.

25 Section 3. Three Million Eight Hundred Thousand Dollars (\$3,800,000)  
26 are appropriated from the General Fund to the Public Utility Agency of  
27 Guam for Phase I of the construction of the Malojloj-Inarajan Water Supply  
28 Development.

29 Section 4. Three Million Dollars (\$3,000,000) are appropriated from  
30 the Fiscal Year 1990 Revenues of the General Fund to the Public Utility  
31 Agency of Guam for Phase II (the completion) of the Malojloj-Inarajan Water  
32 Supply Development Project. Such appropriation shall be available on  
33 October 1, 1989.

1           Section 5. Three Million One Hundred Eighty-Five Thousand Dollars  
2 (\$3,185,000) are appropriated from the General Fund to the Public Utility  
3 Agency of Guam for Phase III of the project for improvements to the  
4 Talofoto-Baza Gardens, Windwards Hills, and Agat-Santa Rita water  
5 systems, and project. The projects funded by this section shall include,  
6 but are not limited to: Reservoir to serve Talofoto area of approximately  
7 one million gallons, elevated tank of approximately one hundred thousand  
8 gallons, waterline, sixteen inches by ten thousand feet, waterline, sixteen  
9 inches by three thousand feet, and a booster pump, along with related  
10 improvements.

11           Section 6. Only items and components made in the United States may  
12 be used as pumps, filters, pipes, and components in improvements to the  
13 water system as authorized by this Act, and all bid documents for their  
14 procurement shall so provide. This section shall not apply to equipment  
15 not actually interconnected to the water system nor shall it apply to  
16 concrete, buildings, roads and ancillary improvements.

17           Section 7. All surface water and ground water in Guam are declared  
18 to be a public asset and to belong to all of the people of Guam held in  
19 trust by the government of Guam. Such water shall be utilized as follows:

20           a. First priority shall be for use or resale by the Public Utility  
21 Agency of Guam for any purpose, or for household use, for bonafide  
22 farms, plant nurseries, aquaculture, ranches, other bonafide  
23 agricultural uses, for golf courses of less than 4000 square meters or  
24 for ornamental lawns and gardens of less than 4000 square meters.

25           b. Second priority shall be for any other use by the government  
26 of Guam for public recreation and for other public purposes only and  
27 not for purposes enumerated in subsections (c) and (d) below.

28           c. Third priority shall be for industrial use.

29           d. Fourth priority shall be for irrigation of golf courses of more  
30 than 4000 square meters or larger, or for irrigation of lawns or  
31 ornamental gardens of 4000 square meters or larger.

32           e. Fifth priority shall be for any other purposes.

33           Any use of higher priority shall have preference over any use of lower  
34 priority regardless of which use was first in time.

1 As between water uses of equal priority, first in time shall have a  
2 temporary priority to the extent of such prior use for so long as the water  
3 is actually beneficially used on a regular or seasonal basis, but if not used  
4 such temporary water right shall be deemed abandoned pursuant to the  
5 common law.

6 All water rights and rights to use water shall be determined according  
7 to the foregoing, and there shall be no riparian water rights in Guam.  
8 This Act establishes priorities only, and shall not establish any vested  
9 water rights in any person, other than in the Government of Guam.

10 Until statutes further regulating the use of water are subsequently  
11 enacted into law, no permits not now required by law shall be required to  
12 use water not supplied by the Public Utility Agency of Guam in accordance  
13 with the foregoing priorities. Until subsequent law so provides, no fees or  
14 charges may be charged by the Government of Guam for the use of water  
15 other than fees and charges now authorized by law for water delivered by  
16 the Public Utility Agency of Guam.

17 Section 8. ~~Sixty Two Thousand Dollars (\$62,000)~~ <sup>Forty four Thousand Dollars (\$44,000)</sup> *Hick* *J. Hilda* are hereby  
18 appropriated from the Tourist Attraction Fund to the Guam Visitor's Bureau  
19 to host and provide support facilities for the Auckland-Fukuoka Yamaha  
20 Cup Yacht Race 1989.

21 Section 9. If any of the provisions of this Act, or the application  
22 thereof to any person, entity or circumstance, is held invalid, such  
23 invalidity shall not affect any other provision or application hereof which  
24 can be given effect without the invalid provision or application, and to this  
25 end the provisions of this Act are severable.

**SENATOR DON PARKINSON**  
20th GUAM LEGISLATURE  
163 CHALAN SANTO PAPA STREET  
AGANA, GUAM 96910

MAJORITY LEADER and CHAIRPERSON, COMMITTEE ON ENERGY, UTILITIES, AND CONSUMER PROTECTION

April 10, 1989

Honorable Joe T. San Agustin  
Speaker, 20th Guam Legislature  
163 Chalan Santo Papa  
Agana, Guam 96910


Dear Mr. Speaker:

The Committee on Energy, Utilities and Consumer Protection wishes to report out its findings on BILL NO. 546: AN ACT TO AUTHORIZE AND APPROPRIATE SIX MILLION EIGHT HUNDRED THOUSAND DOLLARS FROM THE GENERAL FUND TO THE PUBLIC UTILITY AGENCY OF GUAM FOR THE CONSTRUCTION OF MALOJLOJ-INARAJAN WATER SUPPLY DEVELOPMENT, AND TO APPROPRIATE THE SUM OF THREE MILLION ONE HUNDRED EIGHTY FIVE THOUSAND DOLLARS FROM THE GENERAL FUND TO THE PUBLIC UTILITY AGENCY OF GUAM FOR THE PURPOSES OF IMPROVING WATER DELIVERY SERVICES TO TALOFOFO-BAZA GARDENS, WINDWARD HILLS, AGAT-SANTA RITA WATER SYSTEM AND FOR OTHER PURPOSES.

TO PASS: 13  
NOT TO PASS: 0  
ABSTENTIONS: 0  
REPORT OUT ONLY: 0  
OFF-ISLAND: 0

A copy of the Committee Report and all pertinent documents are attached for your information.

Sincerely,

  
Senator Don Parkinson  
Chairman, Committee on  
Energy, Utilities and  
Consumer Protection

jla(20-32/voting.doc)



**COMMITTEE ON ENERGY, UTILITIES AND  
CONSUMER PROTECTION**

**VOTING SHEET ON:**

BILL NO. 546: AN ACT TO AUTHORIZE AND APPROPRIATE SIX MILLION EIGHT HUNDRED THOUSAND DOLLARS FROM THE GENERAL FUND TO THE PUBLIC UTILITY AGENCY OF GUAM FOR THE CONSTRUCTION OF MALOJLOJ-INARAJAN WATER SUPPLY DEVELOPMENT, AND TO APPROPRIATE THE SUM OF THREE MILLION ONE HUNDRED EIGHTY FIVE THOUSAND DOLLARS FROM THE GENERAL FUND TO THE PUBLIC UTILITY AGENCY OF GUAM FOR THE PURPOSES OF IMPROVING WATER DELIVERY SERVICES TO TALOFOFO-BAZA GARDENS, WINDWARD HILLS, AGAT-SANTA RITA WATER SYSTEM AND FOR OTHER PURPOSES.

<u>COMMITTEE MEMBERS:</u>	<u>INITIAL</u>	<u>TO PASS:</u>	<u>NOT TO PASS:</u>	<u>REPORT OUT:</u>
Sen. Don Parkinson	<i>DP</i>	✓		
Sen. Herminia Dierking	<i>HD</i>	✓		
Sen. George Bamba	<i>GB</i>	✓		
Sen. Madeleine Bordallo	<i>MB</i>	✓		
Sen. Doris Brooks	<i>DB</i>	✓		
Sen. Gordon Mailloux	<i>GM</i>	✓		
Sen. Marilyn Manibusan	<i>MM</i>	✓		
Sen. Ted Nelson	<i>TN</i>	✓		
Sen. Franklin Quitugua	<i>FQ</i>	✓		
Sen. Martha Ruth	<i>MR</i>	✓		
Sen. Frank Santos	<i>FS</i>	✓		
Sen. Antonio Unpingco	<i>AU</i>	✓		
Spkr. Joe T. San Agustin	<i>JS</i>	✓		

REPORT OF THE COMMITTEE ON ENERGY,  
UTILITIES AND CONSUMER PROTECTION  
ON BILL NO. 546, "AN ACT TO AUTHORIZE  
AND APPROPRIATE SIX MILLION EIGHT  
HUNDRED THOUSAND DOLLARS FOR THE  
CONSTRUCTION OF MALOJLOJ-INARAJAN  
WATER SUPPLY DEVELOPMENT AND FOR  
OTHER PURPOSES.

### PREFACE

The Committee on Energy, Utilities and Consumer Protection, after due and proper notice, conducted a public hearing on Bill No. 546, "AN ACT TO AUTHORIZE AND APPROPRIATE SIX MILLION EIGHT HUNDRED THOUSAND DOLLARS FOR THE CONSTRUCTION OF MALOJLOJ-INARAJAN WATER SUPPLY DEVELOPMENT AND FOR OTHER PURPOSES." Included in the public hearing which addresses the same subject matter these bills include Bill Nos. 549, 550, 552, 455, and 339. Present at the public hearing were: Senator Don Parkinson, Committee Chairman, Senator Bordallo, Senator Unpingco, Senator Brooks, Senator Dierking, Senator Bamba, Senator Ruth, Senator Quitugua, Senator Nelson, Senator Santos, all Committee Members. Also attending the public hearing were, Senator Arriola, Senator Lujan, and Senator Espaldon. The public hearing was held on Sunday, April 9, 1989 at 6:00 p.m. at the Inarajan Fire Station.

### BACKGROUND

Bill No. 546 is to fund the development of the Ugum River Water Project which will, when completed, provide a water source much closer to the intended users, the residents of the southern villages. The Ugum River Water Project will provide about 2 million gallons of water a day during the low flow periods (summer months) and about 8 million gallons a day during the high flow periods (wet months) which will be available to the villages of Talofoyo, Inarajan-Malojloj, Merizo, and Umatac. At the present time, these villages use about 1.2 million gallons of water a day. In addition to addressing the water shortage problem in the southern villages, the project will also have a significant benefit to the northern villages in that the approximately 2 million gallons of water a day now being pumped to the southern villages will now be available to be pumped to other areas in the north.

## TESTIMONY

The following is a list of people who attended the public hearing and who testified before the Committee. All of the testimonies were oral with no written testimony submitted with the exception of PUAG which submitted a written testimony labeled, Exhibit "A":

1. Commissioner Vicente Bernado of Yona - Commissioner Bernado testified in favor of the passage of Bill No. 546 and any bill which will address the perennial water shortages and outages in the southern villages. He pointed out that there have been many discussions in the past but no actions were ever taken and hopes that this one is not just talk but will prove to be the real thing.

2. Former Governor Bordallo - He testified in favor of the project. He also cautioned the Committee that they should also look at and consider the future needs of the south so that in a few years we would not have to go through the same exercise. He also mentioned that he had proposed a project during his last administration which would have provided enough surface water for the entire island, except that his proposal would have caused approximately 83 million dollars. The former governor also expressed concern that the talks seem to be regionalizing the water situation and warns that we should refrain from doing this. He stated that all of the water below to all of the people and that all developments regarding water should be for the benefit of all of the people of Guam and not just for the north or the south.

3. Mrs. Juan Cruz, wife of Inarajan Commissioner, Juan Cruz testified in place of and on behalf of her husband. She testified that the people of Inarajan are in favor of the Bill.

4. Commissioner Albert Topasna of Umatac- He testified in favor of the bill. He added that water is the most important thing for the people and that he would rather have water than power.

5. Commissioner Tito Mantanona of Talofoyo - He testified in favor of the Bill, however his testimony is with the condition that the transmission lines to Talofoyo is included and that at least 2 million gallons of water reservoirs are also included. He testified that Bill No. 546 does not have any significant benefit for Talofoyo if the transmission lines and reservoirs are not included.

6. Commissioner Greg Borja of Santa Rita - He testified that although his village will not have a direct benefit from the project, he is nevertheless in favor of the project.

7. Commissioner Ignacio Cruz of Merizo - He testified in favor of the Bill and other bills and added that he is testifying as sort of an expert since he did a term paper on the water problems of the southern villages as a college student. The three major points of Commissioner Cruz's testimony are: a. As the representative of the people of Merizo, he is testifying that all of the people of Merizo are in favor of the passage of the Bill 546 and all bills which will provide adequate water service to the south. b. He warns that the northern water sources will eventually become contaminated as a result of overdevelopment and increased farming activities in the north and that a viable water source other than the northern water sources must be developed. c. He was also emphatic when he explained that many of the major problems being experienced by PUAG were a result of using inferior materials and that future projects must use high quality (the best quality) materials be used.

8. Commissioner Antonio Babauta of Agat - Favors passage of the bill.

9. Former Commissioner and Senator Alfred Flores of Inarajan - Testified in favor of the bill and stated that the Ugum River Project is overdue. He hopes that the Legislature will act now and pointed out that the project will benefit both the north and the south.

10. Mrs. Mercedes Flores , resident of Ipan Talofoyo - Testified in favor of the project with the hope that the project will alleviate the water problems now being experienced in the village of Talofoyo.

11. Mr. Henry Leon Guerrero, testifying on behalf of his mother, Mrs. Delgadina Leon Guerrero, administratrix of the family property on which part of the proposed water project is to be situated. - he testified in favor of the project however, he expressed concern regarding the damage to the property caused by the contractor. He gave credit to Mr. Blaz, Chief Officer of PUAG, for being cooperative in his dealings with the family. Mr Leon Guerrero hopes that the family will be compensated fairly for the use of the land and for the damages caused. Other concerns include the settlement of the easement and the storage of hazardous chemicals.

12. Art Leon Guerrero, resident of Talofoyo - Testified in favor of the bill.

13. Mr. Ben Meno, resident of Inarajan - Testified in favor of the Bill and stressed that the water is badly needed and that the project must be implemented now.

14. Mrs. Ruth Taimanglo resident of Inarajan - testified in favor of the Bill and was concerned whether the project would supply enough water to solve the problems in the south. Another question she had concern the funding of the Project. Mr. Blaz provided the answers to her questions adequately.

15. Mr. Vicente Crisostomo, resident and farmer of Inarajan - Testified in favor of the bill, but wanted to know if the project will provide any benefit for the farmers and whether the farms will be precluded from drawing water from the river for irrigation purposes.

16. Mr. Ray Taimanglo - Testified in favor of the Bill.

17. Mr. Antonio Camacho, resident of Inarajan - Testified in favor of the bill and question the wisdom of shutting-down the Inarajan Dam when it provided adequate water supply for the village of Inarajan.

18. Mr. Benny San Nicolas, Chairman of the Southern Water Conservation District - He testified in favor of the bill but wants the committee to look into why the Inarajan Dam was shut-down and if the dam could be reactivated. He also expressed concern that the project may preclude the usage of river water for irrigation purposes. He wanted an assurance that the farmers will be protected so that the production of produce will not be hampered.

19. Mr. Roman Quinata, resident of Ipan Talofoyo - testified in favor of the bill. He also pointed out that there are other areas which could be tapped for irrigation purposes such as the Ylig River, the Geus River, Inarajan River, Magas River.

20. Mr. Eduardo Paulino of Malojloj - He stated that we must not just talk about the project but that we must get the project done.

21. Mr. Frederick Quinene of Merizo - Supports passage of the bill appropriating the funds for the Ugum River Project.

22. Mr. Charles Turosik, resident of Inarajan - testified in favor of the bill and pointed out that the farmers draw most of the irrigation water from tributaries and not from the main rivers.

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23. Mr. Anthony Blaz, Chief Officer of PUAG, presented a written testimony labeled, Exhibit A. He pointed out the critical need for the Ugum. His testimony also included a description of the project, the capacity, location and other details such as a pumping station, treatment plant, storage reservoirs, roads and transmission lines.

### COMMITTEE RECOMMENDATION

The Committee on Energy, Utilities and Consumer Protection recognizes the need to address the long and painful sufferings of the people of the southern villages of Guam. It also recognizes that the transmission of water from the northern sources is very expensive and often not reliable in servicing the south. In addition, the development of the Ugum Water Project will be beneficial not only to the residents of the south but to all of the residents of Guam. The Committee also recognizes that the village of Talofofo has special needs that have never been addressed and that Bill No. 546 still leaves something lacking favor th4e village of Talofofo. The Committee therefore recommends the passage of Bill NO. 546 as substituted by the Committee on Energy, Utilities and Consumer Protection and that the additional funding included in substitute Bill No. 546 is justified.

### EXHIBITS

- |           |   |
|-----------|---|
| Exhibit A | Written testimony off Mr. Anthony Blaz, Chief Officer of PUAG   |
| Exhibit B | PUAG estimate of the Ugum River Project and the improvements to the Talofofo, Baza Gardens, Windward Hills, Santa Rita and Agat areas |
| Exhibit C | PUAG letter responding to Senator Parkinson's request on the Ugum River Project   |
| Exhibit D | The Objective and Scope of the Study of the Malojloj-Inarajan, (UGUM) Water Supply Development  |
| Exhibit E | Fiscal Note on Bill No. 546   |

20-40/ike/comm rept 546

TWENTIETH GUAM LEGISLATURE  
1989 (FIRST) REGULAR SESSION

Bill No. 546  
As Substituted by the Committee on Energy,  
Utilities and Consumer Protection 4/10/89

Introduced By:

Don Parkinson  
F. Quitugua  
G. Mailloux  
E. Reyes  
T. Nelson  
M. Bordallo  
H. Dierking  
E. Arriola  
J. Aguon  
P. Lujan  
C. Gutierrez  
J. San Agustin  
F. Santos  
A. Unpingco  
G. Bamba  
D. Brooks  
M. Manibusan  
M. Ruth

AN ACT TO AUTHORIZE AND APPROPRIATE SIX MILLION EIGHT HUNDRED THOUSAND DOLLARS FROM THE GENERAL FUND TO THE PUBLIC UTILITY AGENCY OF GUAM FOR THE CONSTRUCTION OF MALOJLOJ-INARAJAN WATER SUPPLY DEVELOPMENT, AND TO APPROPRIATE THE SUM OF THREE MILLION ONE HUNDRED EIGHTY FIVE THOUSAND DOLLARS FROM THE GENERAL FUND TO THE PUBLIC UTILITY AGENCY OF GUAM FOR THE PURPOSES OF IMPROVING WATER DELIVERY SERVICES TO TALOFOFO-BAZA GARDENS, WINDWARD HILLS, AGAT-SANTA RITA WATER SYSTEM AND FOR OTHER PURPOSES.

BE IT ENACTED BY THE PEOPLE OF THE TERRITORY OF GUAM:

Section 1. Legislative Findings:

a) The population and economic growth on the island has reached a point where the existing water system cannot adequately meet the ever-increasing demand. This is specifically true in southern Guam, which encompasses about twenty-four percent of the total population and experiences perennial and severe water shortages. This problem is mainly due to the

fact that the main source of fresh water supply is the northern groundwater lens where it has to be pumped several times through long pipelines to the southern villages.

b) To alleviate once and for all these perennial water problems of the southern villages a surface water supply system shall be developed. The Ugum River has been selected for this purpose because of its record of year-round adequate flow.

Section 2. The sum of Six Million Eight Hundred Thousand Dollars (\$6,800,000) is authorized to be appropriated from the General Fund for the purpose of developing a new potable water supply located on the Ugum River in the Municipality of Inarajan. The project shall be known as the "Malojloj-Inarajan Water Supply Development". In addition, the sum of Three Million One Hundred and Eighty-Five Thousand Dollars (\$3,185,000.00) is authorized to be appropriated for Phase III of the project for improvements to the Talofof-Baza Gardens, Windward Hills, and Agat-Santa Rita water systems.

Section 3. Three Million Eight Hundred Thousand Dollars (\$3,800,00) is appropriated from the General Fund to the Public Utility Agency of Guam for Phase I of the construction of the Malojloj-Inarajan Water Supply Development.

Section 4. Three Million Dollars (\$3,000,000) is appropriated from the Fiscal Year 1990 Revenues from the General Fund to the Public Utility Agency of Guam for Phase II (the completion) of the Malojloj-Inarajan Water Supply Development Project. Such appropriation shall be available on October 1, 1989.

Section 5. Three Million One Hundred Eighty-Five Thousand Dollars (\$3,185,00) is appropriated from the General Fund to the Public Utility Agency of Guam for Phase III of the project for improvements to the Talofof-Baza Gardens, Windward Hills, and Agat-Santa Rita water systems,

---



which will tie into the Malojloj-Inarajan water development project. The projects funded by this section shall include, but are not limited to: Reservoir to serve Talofofo area of approximately one Million Gallons, Elevated Tank of approximately one hundred thousand gallons, waterline, 16 inches by ten thousand feet, waterline, 16 inches by three thousand feet, and a booster pump, along with related improvements.

Section 6. Only items and components made in the United States may be used as pumps, filters, pipes, and components in improvements to the water system as authorized by this act. This section shall not apply to equipment not actually interconnected to the water system nor shall it apply to concrete, buildings, roads and ancilliary improvements.

Section 7. All surface water and ground water in Guam is declared to be a public asset and to belong to all of the people of Guam held in Trust by the Government of Guam. It shall be utilized as follows:

- a. First priority shall be for use by the Public Utility Agency of Guam for any purpose; or for household use, for bonafide farms, plant nurseries, aquaculture, ranches, other bonafide agricultural uses, for golf courses of less than 4000 square meters or for ornamental lawns and gardens of less than 4000 square meters.
  - b. Second priority shall be for any other use by the Government of Guam for Public purposes only and not for purposes enumerated in sub-sections (c) and (d) below.
  - c. Third priority shall be for industrial use.
  - d. Fourth priority shall be for irrigation of golf courses of more than 4,000 square meters or larger for irrigation of lawns or ornamental gardens of 4000 square meters or larger.
  - e. Fifth priority shall be for any other purposes.
-

Any use of higher priority shall have preference over any use of lower priority irregardless of which use was first in time.

As between water uses of equal priority, first in time shall have a temporary priority to the extent of such prior use for so long as the water is actually beneficially used on a regular or seasonal basis, but if not used such temporary water right shall be deemed abandoned pursuant to the common law.

All water rights and rights to use water shall be determined according to the foregoing, and there shall be no riparian water rights in Guam. This bill establishes priorities only, and shall not establish any vested water rights in any person, other than in the Government of Guam."

jla(20-21/sixmill.546)

---



PUBLIC UTILITY AGENCY OF GUAM

GOVERNMENT OF GUAM  
POST OFFICE BOX 3010, AGANA  
GUAM, U.S.A. 96910  
TEL. 646-8891-6

TESTIMONY IN FAVOR OF BILL 546

AN ACT TO AUTHORIZE AND APPROPRIATE SIX MILLION EIGHT HUNDRED THOUSAND DOLLARS FOR THE CONSTRUCTION OF MALOJLOJ-INARAJAN WATER SUPPLY DEVELOPMENT AND FOR OTHER PURPOSES.

Submitted by  
Anthony C. Blaz, Chief Officer  
Public Utility Agency of Guam  
April 9, 1989

Good evening, Mr. Chairman and members of the Legislative Committee on Energy, Utilities, and Consumer Protection. I am here this evening to testify in favor of Bill 546 - An Act to Authorize and Appropriate Six Million Eight Hundred Thousand Dollars for the Construction of Malojloj-Inarajan Water Supply Development and for Other Purposes.

When we first assumed office in early 1987, Governor Joseph F. Ada gave us a direct order to find an alternative water source to supply the people of the South. Lt. Governor Frank Blas also informed us that a possible alternative water source might be the Ugum River; and he further instructed us to investigate this water source. The Lt. Governor's concern about adequate water service to the South went back when he was a senator, he introduced a bill for the development of Ugum River as a source of water for Southern Guam. Governor Ada is excited about our favorable study findings and he is encouraging members of the Legislature to support this Bill, a recent bill he submitted to the Legislature in this regard, and any other bills relating to the development of this Ugum River water source.

The Malojloj-Inarajan Water Supply Development Project is presently in its design stage. The passage of this legislation will provide the necessary funds for construction. This project will involve the construction of a water intake structure, treatment plant, and 2 one million gallon reservoirs. The intake system is designed to produce about 4 million gallons of water per day (MGD). It is estimated that the water produced will be transmitted to southern villages in daily volumes as follows:

- 1.2 MGD for Inarajan, Merizo and Umatac
- 1.1 MGD for Baza Garden, Windward Hills and Talofofa
- 1.7 MGD for Agat and Santa Rita

The project's design allows for the facility to increase water production to 8 MGD thus allowing room for economic growth in Southern Guam.

EXHIBIT "A"

This project will be the first of its kind for the people of Guam. Using the latest information in water technology, PUAG will embark in the first civilian water treatment project in the history of the island. The concept for this project is a result of our investigation into alternative water sources to the Northern aquifer. The Ugum River was chosen based on many years of historic data relative to river flows.

The benefit of this project are numerous:

1. It will provide adequate and reliable water services to southern villages by producing water in Southern Guam, especially during the dry season.
2. This project, although designed to help southern residents, will benefit the entire island upon completion. Water that has normally been transmitted from the Northern Guam water lens to our Southern villages will remain in Northern and Central Guam to better serve existing consumers and supplement the ever increasing demand on our system caused by substantial growth within these areas.
3. It will minimize the heavy reliance on water being produced and transmitted from Northern and Central Guam, thereby reducing operations and maintenance costs for transmission.
4. This new surface water source will not only benefit residents during normal situations, but will also benefit residents during emergencies and in times of natural and man-made disaster --- when the northern and central water sources may be insufficient, contaminated, or not available.
5. With the transmission of water to Agat and Santa Rita, PUAG will minimize its reliance on Navy water and thereby reduce its purchase of the resource from the military.

When this bill is passed and should funding be made available by May 1989, the project may be completed in late April 1990, just in time to provide water during the next dry season. The funding and completion of this project will benefit the entire island and will overcome the long standing problem of water rationing in the South making it a thing of the past.

Regarding the protection of valuable natural resources for the use and enjoyment of now and future generations, we strongly support Section 5 of this Bill - "No stream, river or tributary may be dammed by any person without the consent of the Governor of Guam and the Guam Legislature." This provision is critical in preventing any one person, corporation or entity from damming or preventing the flow of water in any river, stream or tributary from feeding into a water intake structure or infiltration gallery of the government. A good example would be preventing flow from upstream of the Ugum River which would cause a decrease in this project's production capability. We recommend a further addition to section 5, and that is:

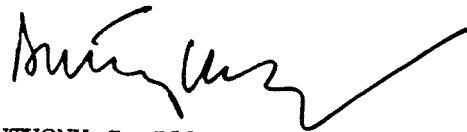
"Prior to obtaining the consent of the Governor and the Guam Legislature, any individual, corporation or entity must receive prior clearance and approval of any damming

of a river, stream or tributary from the Bureau of Planning, Public Utility Agency of Guam, Guam Environmental Protection Agency, Department of Agriculture, U.S. Army Corps of Engineer, Department of Public Works, Department of Land Management, and any other government entities deemed to be appropriate."

We are grateful for the strong interest of many members of the 20th Guam Legislature who participated in a tour of the project site hosted by Senator Don Parkinson. We especially thank those Senators who have been communicating with us and showed the support for this urgently needed project.

Dangkulo Na Si Yuus Maase. We look forward to seeing you all at the Groundbreaking or Ribbon Cutting Ceremony for this Ugun Project.

Once Again, thank you for your great support!



ANTHONY C. BLAZ  
CHIEF OFFICER



PUBLIC UTILITY AGENCY OF GUAM  
GOVERNMENT OF GUAM  
POST OFFICE BOX 3010, AGANA  
GUAM, U.S.A. 96910

MALOJLOJ-INARAJAN WATER SOURCE DEVELOPMENT  
CAPITAL IMPROVEMENT PROJECT  
WATER SYSTEM

Phase I  
Malojloj-Inarajan Water Source Development

Treatment Facilities-----	\$ 4,150,000
Pump Station-----	\$ 250,000
Reservoir 2.0 M.G.-----	\$ 1,000,000
Pipeline 16" and roads-----	\$ 1,400,000
	<u>\$ 6,800,000</u>

Phase II  
Talofofo-Baza Gardens, Windward Hills, Agat-Santa Rita  
Water System

Waterline, 16" x 10,000-----	\$ 1,350,000
Waterline, 16" x 3,000-----	\$ 300,000
Elevated Tank, 0.1 M.G.-----	\$ 300,000
Booster Pump-----	\$ 250,000
Reservoir, 1 M.G.-----	\$ 985,000
	<u>\$ 3,185,000</u>

Grand Total	\$ 9,985,000
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Exhibit "B"



PUBLIC UTILITY AGENCY OF GUAM

GOVERNMENT OF GUAM  
POST OFFICE BOX 3010, AGANA  
GUAM, U.S.A. 96910  
TEL. 646-8891-6

MASTER

The Honorable  
Don Parkinson  
Chairman, Committee on Energy, Utilities  
and Consumer Protection  
Twentieth Guam Legislature  
163 Chalan Santo Papa Street  
Agana, Guam 96910

Dear Senator Parkinson:

This is in response with your inquiry on the Malojloj-Inarajan (Ugum) Water Supply Development Project which is presently being designed.

The water source facility, which will tap the flow of Ugum River, is being designed for a capacity of 2 to 4 million gallon per day (MGD). Although the initial scheme of withdrawing the water from the river is by infiltration galleries the final scheme selected is by intake structures. This scheme was selected because it presents a conventional design which is widely used in the mainland and will provide a stable yield.

The project is being designed so that both Phase I and Phase II can be completed at the earliest possible time based on availability of funds. If funding for the project will be made available by April 1989 the project may be completed in the latter part of April 1990 just in time to provide water during the next drought.

The facility will consist mainly of the collection station which includes the intake structural and impoundment weir on the river; the wet well and pumping station on the river bank; the treatment and storage system which will also include administration office and workshop and the transmission line to Route 4. The two (2) one million gallon (1.0 MG) storage reservoir will be capable of delivering water to the intake side of the Malojloj Booster Pump for delivery to Malojloj, Inarajan, Merizo and Umatac and also be capable of delivering water to the intake side of the Brigade Booster Pump at Route 17 for delivery to Baza Garden, Windward Hills, Talofofa and to Santa Rita.

EXHIBIT "C"

PAGE -2-  
THE HONORABLE  
DON PARKINSON

The combined maximum day consumption of Inarajan, Merizo and Umatac is 1.20 MGD, while of that Baza Garden, Windward Hills and Talofoto is 1.10 MGD. Therefore out of the 4.0 MGD that this facility can produce 1.7 MGD can be delivered to Agat and Santa Rita which will represent about 50% of the total consumption. However, to deliver 2.8 MGD to Brigade a new 16-inch waterline will be required along Route 4 from the point of connection of this facility to Route 17 intersection. This 9,500 feet of pipeline is not included in the \$6.8 million funding request. This pipeline will cost about \$1.35 Million. Furthermore, the existing 12-inch pipeline constructed in 1983 between Windward Hills and Santa Rita will be inadequate to carry the 1.7 MGD. This pipe will be able to carry only 1.10 MGD.

The staff & management of Public Utility Agency of Guam are certainly very grateful for your full support and your strong encouragement of this project. There is no doubt, Senator, that upon completion of this project, the people of the south will be extremely grateful that our leaders have finally resolved a perennial problem that they have been experiencing for several decades.

Dangkulo na si yuus maase!

Sincerely yours



ANTHONY C. BEAZ  
Chief Officer

18 mill → 26M budget

excess op. expense.



MALOJLOJ - INARAJAN (UGUM)  
WATER SUPPLY DEVELOPMENT

OBJECTIVE AND SCOPE OF THE STUDY

The population and economic growth on the Island of Guam has reached a point where the existing water system cannot adequately meet the ever-increasing demand. This is specifically true in southern Guam, which encompasses about 24 percent of the total population and experiences perennial and severe water shortage.

The main source of fresh water supply is the northern groundwater lens. Approximately 90 percent of water produced by the Government of Guam Public Utility Agency is derived from this lens. Other major sources include Pena Reservoir in the south, which primarily serves the Navy, Ylig River Diversion Dam and Geus River Intake.

The purpose of this study is to develop the basis of design for construction of a 4-mgd water supply source from the Ugum River. The system includes collection, storage and treatment facilities, as well as a transmission line to deliver the water to the existing main line along Route 4. The scope of work delineates the following specific components:

- I. Source Development - Design of an infiltration gallery or a raw-water intake structure.
- II. Treatment - Filtration and chlorination facilities.

Exhibit "D"

- III. Storage - Two storage reservoirs with total capacity of 2 million gallons.
- IV. Pumping Station.
- V. Transmission Line.
- VI. Access Road.
- VII. Electrical Power Supply.
- VIII. Offices and a Workshop.

1.2 DESCRIPTION OF THE PROJECT SITE

1.2.1 Location:

Guam is the largest island among the Marianas Archipelago in the Pacific southwest. It is about 30 miles long and 4 to 8.5 miles wide, with a total land area of approximately 209 square miles. The project site is located in the southeastern section of the Island, on a stretch of the Ugum River, approximately 1.2 miles east of Talofofo Bay, Figure 1-1. Ugum River, which is one of five major rivers on the Island, drains an area of approximately 7.2 square miles. The headwaters of the River are very steep, however, in its lower reaches, it flows on a gentle gradient of the valley flat, where it joins Talofofo River, approximately 0.5 miles above Talofofo Bay. Ugum River has the lowest rate of recession of base flow among the major streams on Guam. A potential water source development site on this river is located 0.3 miles upstream of the confluence of the Ugum and Talofofo Streams, where the

## EXECUTIVE SUMMARY

GMP Associates, Inc., was authorized by the Public Utility Agency of Guam to provide professional services for complete design and construction of a 4 million-gallon-per-day capacity potable water source on the Ugum River. This study presents the basis of design for various components of the proposed system.

In the course of study, three different source development schemes were investigated, namely, 1) infiltration gallery, 2) intake structure and 3) dam structure. Since the dam structure presents the most adverse environmental impact, it is not pursued. Infiltration scheme includes two different systems of river bed-mounted and river bank-mounted galleries. The three development scenarios are evaluated based on several evaluation criteria such as yield, raw water quality, ease of operation, full-scale implementation, potential for expansion, operation and maintenance, environmental considerations, annual operation and maintenance costs, and total construction costs.

The three alternatives are ranked by assignment of equal weights to various evaluation criteria. The river bank-mounted infiltration gallery has the highest ranking, whereas the river bed-mounted gallery and intake structure rank second and third, respectively.

By separate designation of any of the above criterion as the primary factor in decision making, the river bank-mounted gallery is favored in 66.7 percent of the cases versus 20.8 and

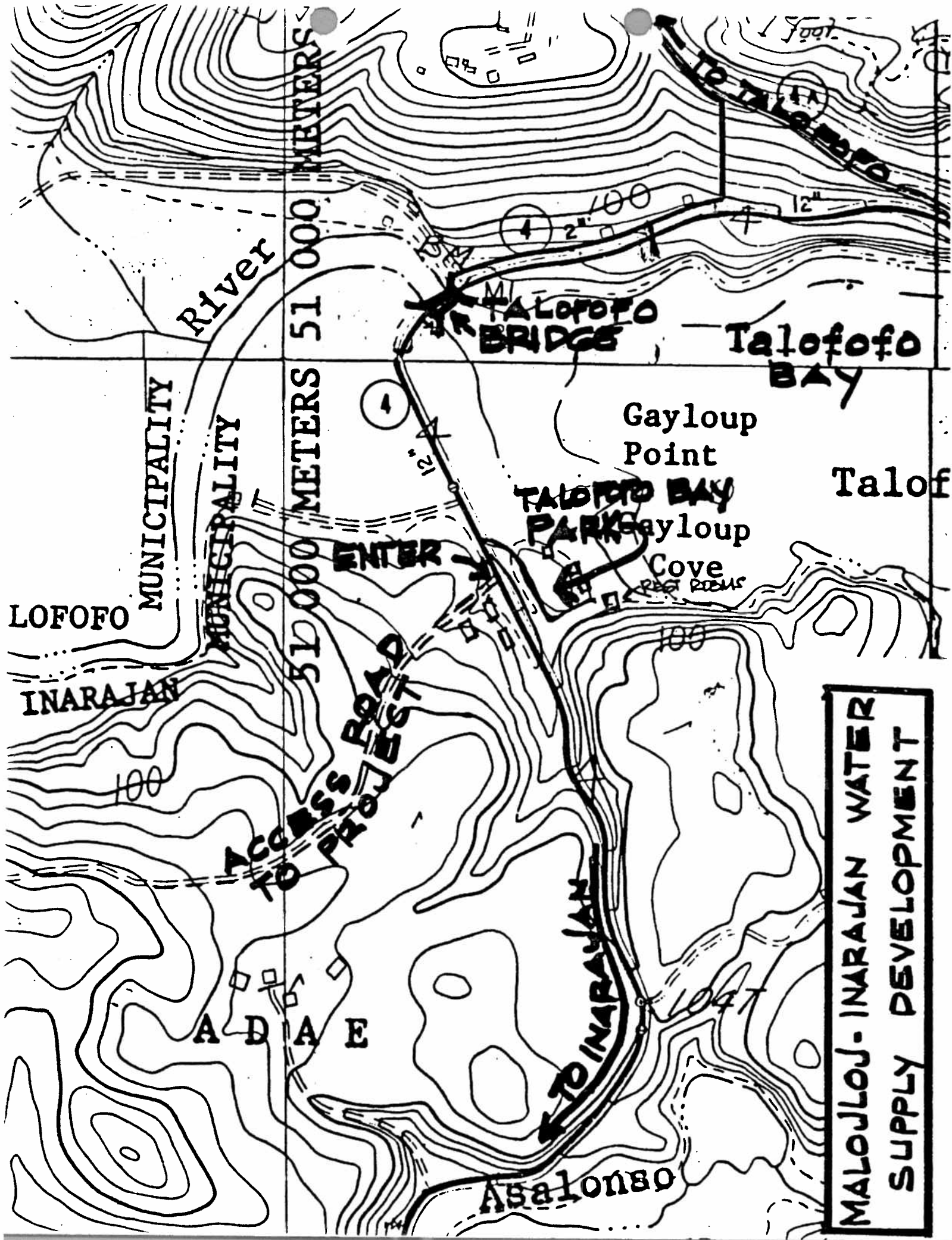
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12.5 percent for a river bed-mounted gallery or intake structure, respectively.

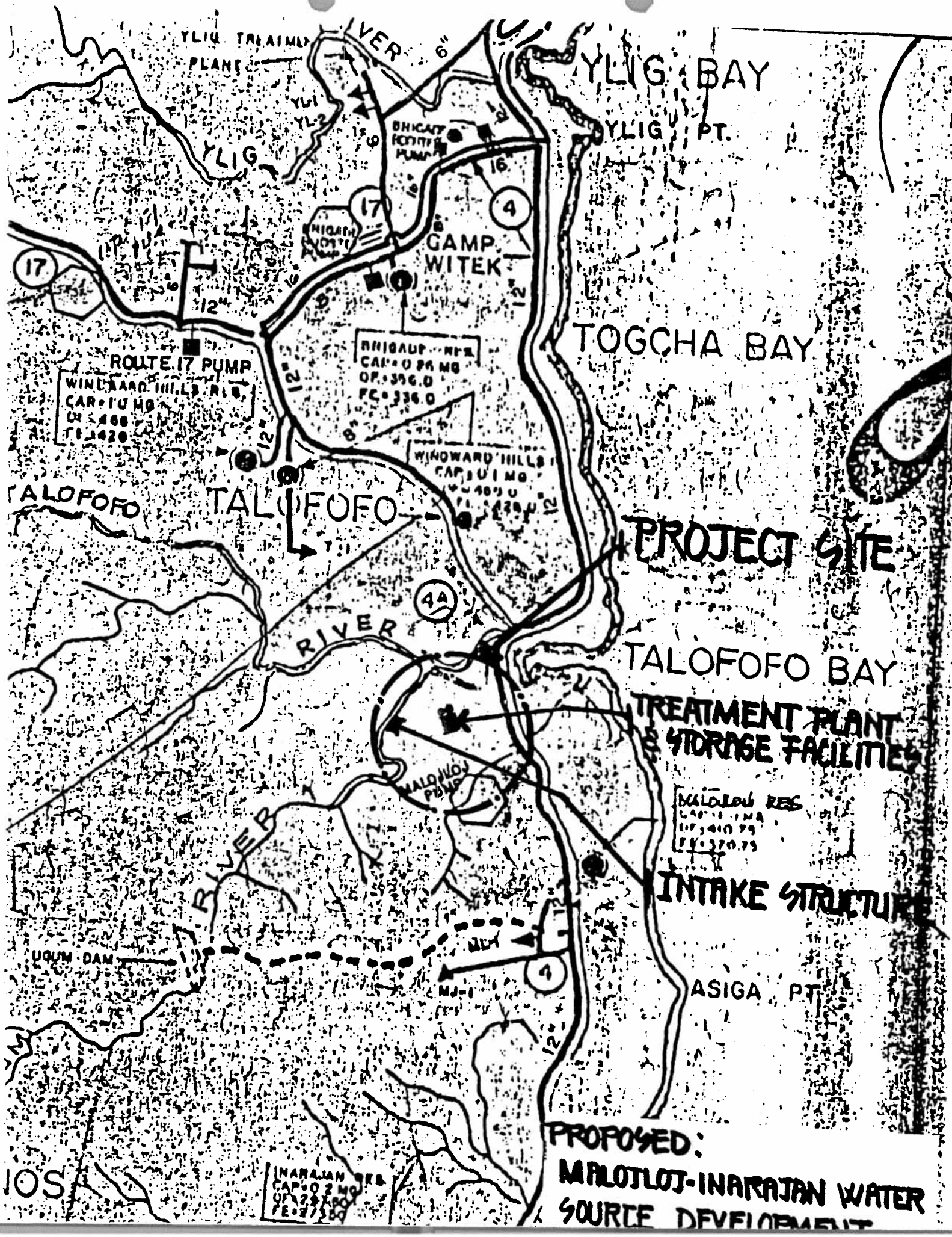
However, due to the urgency to provide a reliable water source for southern Guam, it is our judgment that only a few of the above evaluation criteria should be considered primary. They include total construction costs, annual operation and maintenance costs, as well as final construction schedule. In light of these primary criteria, the intake structure presents the most viable source development plan. Such a plan presents a conventional design, which alleviates the uncertainty and experimental nature inherent to other development schemes. This is doubly important, considering the production capacity and expediency for development of a reliable water source. In addition, an intake structure readily allows design modifications for potential higher production capacities.

Finally, performance of the proposed reservoir in relation to existing reservoirs and booster pumping stations in the network were evaluated and the following recommendations are offered:

- Replace approximately 9,500 lineal feet of 12-inch pipe along Route 4, between the project tap point and Witek junction, with 16-inch ductile iron pipe.
  - Upgrade Brigade Booster Pumping Station with pumps with 250 useful horsepower ( $Q=2,079$  gpm,  $H=381$  ft).
-



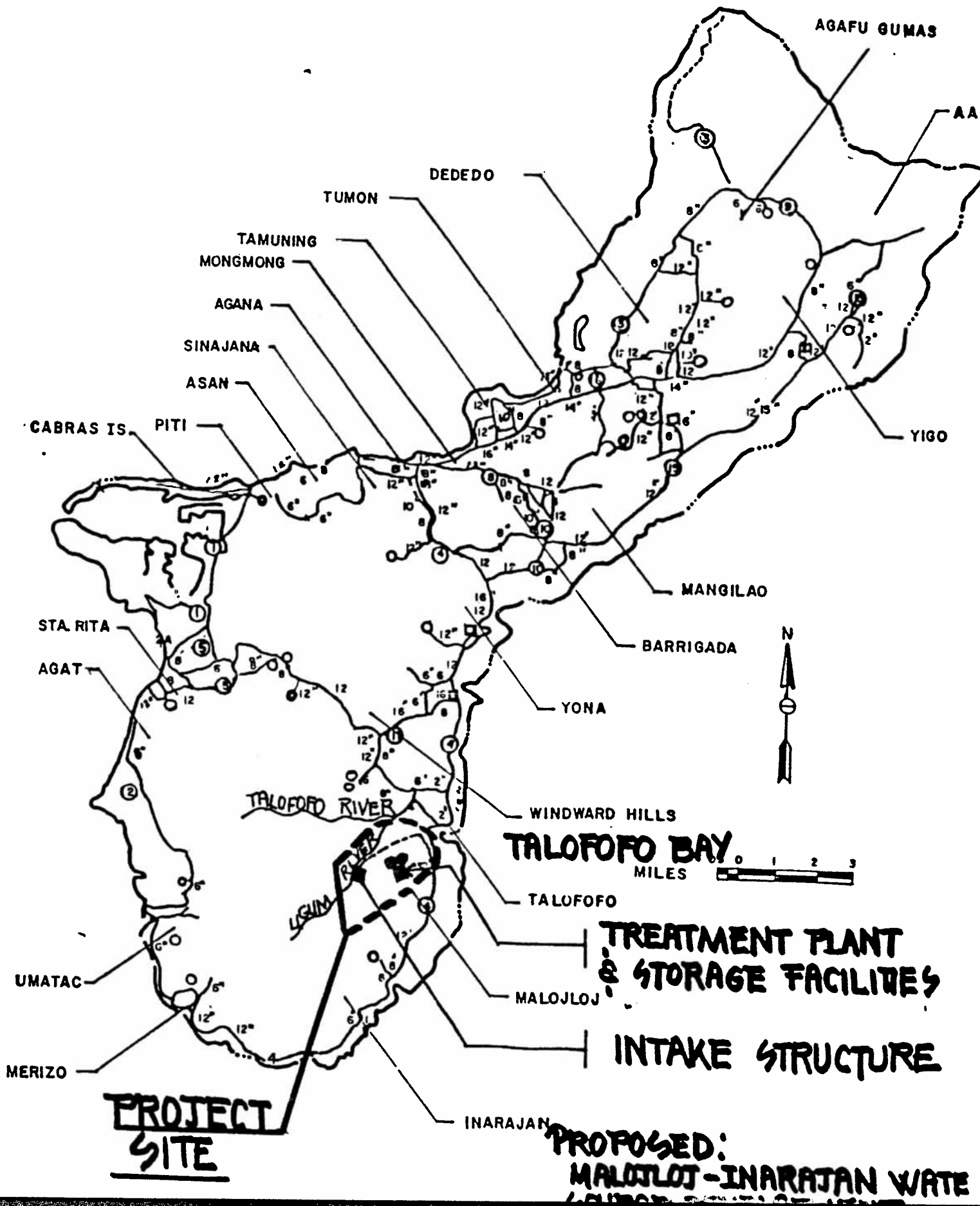
**MALOUJLOJ-INARAJAN WATER  
SUPPLY DEVELOPMENT**



**PROPOSED:**  
**MALOTLOT-INARAJAN WATER**  
**SOURCE DEVELOPMENT**

IOS

# ISLAND OF GUAM



TWENTIETH GUAM LEGISLATURE  
1989 (FIRST) Regular Session

Bill No. 549

Committee on Rules

Introduced by:

At the Request of the Governor

AN ACT TO AUTHORIZE AND APPROPRIATE SIX MILLION EIGHT HUNDRED THOUSAND DOLLARS FOR THE CONSTRUCTION OF MALOJLOJ-INARAJAN WATER SUPPLY DEVELOPMENT AND FOR OTHER PURPOSES.

1 BE IT ENACTED BY THE PEOPLE OF THE TERRITORY OF GUAM:

2 Section 1. Legislative Findings:

3 a) The population and economic growth on the island has reached  
4 a point where the existing water system cannot adequately meet the ever-  
5 increasing demand. This is specifically true in southern Guam, which  
6 encompasses about twenty-four percent of the total population and  
7 experiences perennial and severe water shortages. This problem is mainly  
8 due to the fact that the main source of fresh water supply is the northern  
9 groundwater lens where it has to be pumped several times through long  
10 pipelines to the southern villages.

11 b) To alleviate once and for all these perennial water problems of  
12 the southern villages a surface water supply system shall be developed.  
13 The Ugum River has been selected for this purpose because of its record  
14 of year-round adequate flow.

15 Section 2. The sum of Six Million Eight Hundred Thousand Dollars  
16 (\$6,800,000) is authorized to be appropriated from the General Fund for the purpose  
17 of developing a new potable water supply located on the Ugum River in the  
18 Municipality of Inarajan. The project shall be known as the "Malojloj-Inarajan  
19 Water Supply Development".

20 Section 3. Three Million Eight Hundred Thousand Dollars (\$3,800,000) is  
21 appropriated from the General Fund to the Public Utility Agency



of Guam for Phase I of the construction of the Malojloj-Inarajan Water Supply Development.

Section 4. Three Million Dollars (\$3,000,000) is appropriated from Fiscal Year-1990 Revenues for the completion of the project. Such appropriation shall be available no later than October 31, 1989.

TWENTIETH GUAM LEGISLATURE  
1989 (FIRST) Regular Session

Bill No. 550

Introduced by:

T. S. Nelson  
J. T. San Agustin  
H. D. Dierking

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AN ACT TO APPROPRIATE THE SUM OF SIX MILLION EIGHT HUNDRED THOUSAND DOLLARS (\$6,800,000) FOR THE CONSTRUCTION AND DEVELOPMENT OF THE MALOJLOJ-INARAJAN WATER SUPPLY (UGUM RIVER) AND FOR OTHER PURPOSES.

Legislative Findings. The Guam Legislature finds that the population and economic growth on the island has reached a point where the existing water system cannot adequately meet the ever-increasing demand; and

WHEREAS, this is specifically true in southern Guam, which encompasses about twenty-four percent (24%) of the total population and experiences perennial and severe water shortage; and

WHEREAS, this problem is mainly due to the fact that the main source of fresh water supply is the northern groundwater lens where it has to be pumped several times through long pipelines to the southern villages; and

WHEREAS, to alleviate once and for all these perennial water problems of the southern villages a surface water supply system shall be developed -- The Ugum River has been selected for this purpose because of its record of year-round adequate flow; now, therefore

1 BE IT ENACTED BY THE PEOPLE OF THE TERRITORY OF GUAM:

2 Section 1. This Act may be cited as the "Malojloj-Inarajan  
3 Water Supply Development Act of 1989."

1           Section 2.   The sum of Six Million Eight Hundred Thousand  
2 Dollars (\$6,800,000) is hereby authorized to be appropriated  
3 from the General Fund for the purpose of developing a new potable  
4 water supply located on the Uqum River in the Municipality of  
5 Inarajan.

6           Section 3.   The sum of Three Million Eight Hundred Thousand  
7 Dollars (\$3,800,000) is appropriated from the General Fund to  
8 the Public Utility Agency of Guam for Pahse I of the construction  
9 of the Malojloj-Inarajan Water Supply Development.

10          Section 4.   The sum of Three Million Dollars (\$3,000,000)  
11 is hereby appropriated from the the Fiscal Year 1990 Revenues  
12 for the completion of the project.   Such appropriation shall  
13 be available no later than October 1, 1989.

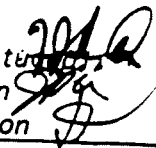
14          Section 5.   No stream, river or tributary may be dammed  
15 by any person without the consent of the Governor of Guam and  
16 the Guam Legislature.

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TWENTIETH GUAM LEGISLATURE  
1989 (FIRST) Regular Session

Bill No. 552

Introduced by:

  
F.J.A. Quitanilla  
J.P. Aguon  
D. Parkinson  
A. Unpingco

AN ACT TO AUTHORIZE AND APPROPRIATE SIX MILLION EIGHT HUNDRED THOUSAND DOLLARS FOR THE CONSTRUCTION OF TALOFOFO, MALOJLOJ-INARAJAN, MERIZO, UMATAC WATER SUPPLY DEVELOPMENT AND FOR OTHER PURPOSES.

1 BE IT ENACTED BY THE PEOPLE OF THE TERRITORY OF GUAM:

2 Section 1. Legislative Findings:

3 (a) There is an urgent need to develop a dependable supply of water close  
4 to the villages where it is needed.

5 (b) To alleviate once and for all these perennial water problems of the southern  
6 villages a surface water supply system shall be developed at the Ugum River  
7 because of its consistent record of year-round adequate flow.

8 Section 2. The sum of Six Million Eight Hundred Thousand Dollars (\$6,800,000)  
9 is authorized to be appropriated from the General Fund for the purpose of developing  
10 a new potable water supply located on the Ugum River in the Municipality of Inarajan.  
11 The project shall be known as the "Southern Villages Water Supply Development".

12 Section 3. Three Million Eight Hundred Thousand Dollars (\$3,800,000) is  
13 appropriated from the General Fund to the Public Utility Agency of Guam for Phase  
14 I of the construction of the Talofof, Malojloj-Inarajan, Merizo, Umatac Water Supply  
15 Development.

16 Section 4. Three Million Dollars (\$3,000,000) is appropriated from Fiscal Year  
17 1990 Revenues for the completion of the project. Such appropriation shall be available  
18 no later than October 31, 1989.

1            *Section 5. No stream, river or tributary may be dammed or otherwise affect*  
2            *the quantity or quality of the water supply by any person or organization without*  
3            *the consent of the Government of Guam.*

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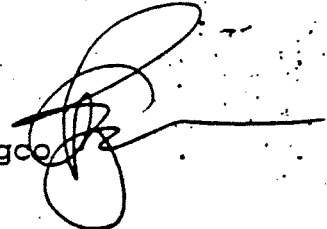
FEB 14 '89

TWENTIETH GUAM LEGISLATURE  
1989 (FIRST) Regular Session

Bill No. 455(US)

Introduced by:

A. R. Unpingco



*with  
encl*

AN ACT TO APPROPRIATE THE SUM OF SIX  
MILLION DOLLARS TO THE DIRECTOR OF  
PUBLIC UTILITY AGENCY OF GUAM TO FUND  
THE CONSTRUCTION OF THE UGAM RIVER  
PROJECT.

1 BE IT ENACTED BY THE PEOPLE OF THE TERRITORY OF GUAM:

2 Section 1. The sum of Six Million Dollars (\$6,000,000) is

3 hereby appropriated from any unappropriated surplus in the General

4 Fund to the Director of Public Utility Agency of Guam to fund the

5 construction of the Ugam River Project.

Introduced

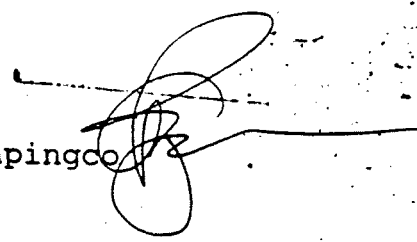
TWENTIETH GUAM LEGISLATURE  
1989 (FIRST) Regular Session

FEB 14 '89

Bill No. 339 (COR)

Introduced by:

A. R. Unpingco



*WtW  
EUCP*

AN ACT TO APPROPRIATE THE SUM OF SIX  
MILLION DOLLARS TO THE DIRECTOR OF  
PUBLIC UTILITY AGENCY OF GUAM TO FUND  
THE CONSTRUCTION OF THE UGAM RIVER  
PROJECT.

1 BE IT ENACTED BY THE PEOPLE OF THE TERRITORY OF GUAM:

2 Section 1. The sum of Six Million Dollars (\$6,000,000) is  
3 hereby appropriated from any unappropriated surplus in the General  
4 Fund to the Director of Public Utility Agency of Guam to fund the  
5 construction of the Ugam River Project.

FISCAL NOTE  
BUREAU OF BUDGET & MANAGEMENT RESEARCH

BBMR

Bill No. 546 Date Received April 3, 1989  
 Amendatory Bill Yes  No  Date Reviewed April 10, 1989

Department/Agency Affected: PUBLIC UTILITY AGENCY OF GUAM

Department/Agency Head: ANTHONY BLAZ

Total Fiscal Year Appropriation: \$16M, GF, \$11.6M PUAG FUND

Bill Title (concise): AN ACT TO AUTHORIZE AND APPROPRIATE SIX MILLION EIGHT HUNDRED THOUSAND DOLLARS FOR THE CONSTRUCTION OF MALOJLOJ-INARAJAN WATER SUPPLY DEVELOPMENT FOR OTHER PURPOSES.

Change in Law: No.

Bill Attempts to:

Bill is for:

- Increase Program Funding
- Decrease Program Funding
- Reallocate Present Program Funding

- Operations
- Capital Improvement
- Other

FINANCIAL/PROGRAM IMPACT

<u>PROGRAM CATEGORIES</u>	<u>Minimum Estimated Required Funds (For Five</u>	
	<u>GENERAL FUND</u>	<u>FEDERAL</u>
<u>Utilities &amp; Infrastructure</u>	<u>\$6,800,000</u>	<u>                    </u>
<u>                                    </u>	<u>                    </u>	<u>                    </u>
<u>                                    </u>	<u>                    </u>	<u>                    </u>
<u>GRAND TOTAL</u>	<u>\$6,800,000</u>	<u>                    </u>

ESTIMATED MULTI-YEAR FUND REQUIREMENTS

<u>SOURCES</u>	<u>1st</u>	<u>2nd</u>	<u>3rd</u>	<u>4th</u>
<u>General Fund</u>	<u>                    </u>	<u>                    </u>	<u>                    </u>	<u>                    </u>
<u>Federal Fund</u>	<u>                    </u>	<u>                    </u>	<u>                    </u>	<u>                    </u>
<u>Other Fund</u>	<u>                    </u>	<u>                    </u>	<u>                    </u>	<u>                    </u>
<u>GRAND TOTAL</u>	<u>                    </u>	<u>                    </u>	<u>                    </u>	<u>                    </u>

ESTIMATED MULTI-YEAR REALIZED REVENUES

<u>SOURCES</u>	<u>1st</u>	<u>2nd</u>	<u>3rd</u>	<u>4th</u>
<u>General Fund</u>	<u>                    </u>	<u>                    </u>	<u>                    </u>	<u>                    </u>
<u>Federal Fund</u>	<u>                    </u>	<u>                    </u>	<u>                    </u>	<u>                    </u>
<u>Other Fund</u>	<u>                    </u>	<u>                    </u>	<u>                    </u>	<u>                    </u>
<u>GRAND TOTAL</u>	<u>                    </u>	<u>                    </u>	<u>                    </u>	<u>                    </u>

*Paul D. Leon Guebrexo*  
Paul D. Leon Guebrexo  
 PROGRAM ANALYST  
*Michael J. Reidy*  
MICHAEL J. REIDY  
 DIRECTOR

Date Review Terminated: Apr

10-4-89

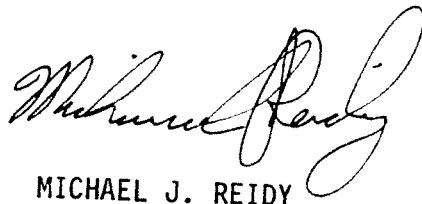


COMMENTS ON BILL NO. 546

Section 3 will appropriate \$3,800,000 from the FY 89 General Fund revenues for Phase I of the project which will consist of the following: Access road; 16" water lines; equipment of the Treatment Plant

Section 4 will appropriate \$3,000,000 from the FY '90 General Fund revenues for the completion of the project for area construction and in-take structure

Additional revenues will be realized merely because of the availability of water. Maintenance and manning of the supply system will be part of the regular utility's budget.

A handwritten signature in cursive script, appearing to read "Michael J. Reidy".

MICHAEL J. REIDY

APR 10 '89

TWENTIETH GUAM LEGISLATURE  
1989 (FIRST) REGULAR SESSION

Bill No. 546

Introduced By:

Don Parkinson

②	E.J.A. Quijano	⑥	M. Mendez
③	M. Milling	⑦	E. P. Reyes
④	E.P. REYES	⑧	J.P. Aguero
⑤	T. N. C.	⑨	A. I.
	M. B. Bandallo	⑩	
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AN ACT TO AUTHORIZE AND APPROPRIATE SIX MILLION EIGHT HUNDRED THOUSAND DOLLARS FOR THE CONSTRUCTION OF MALOJLOJ-INARAJAN WATER SUPPLY DEVELOPMENT AND FOR OTHER PURPOSES.

BE IT ENACTED BY THE PEOPLE OF THE TERRITORY OF GUAM:

Section 1. Legislative Findings:

a) The population and economic growth on the island has reached a point where the existing water system cannot adequately meet the ever-increasing demand. This is specifically true in southern Guam, which encompasses about twenty-four percent of the total population and experiences perennial and severe water shortages. This problem is mainly due to the fact that the main source of fresh water supply is the northern groundwater lens where it has to be pumped several times through long pipelines to the southern villages.

b) To alleviate once and for all these perennial water problems of the southern villages a surface water supply system shall be developed. The Ugum River has been selected for this purpose because of its record of year-round adequate flow.

Section 2. The sum of Six Million Eight Hundred Thousand Dollars (\$6,800,000) is authorized to be

appropriated from the General Fund for the purpose of developing a new potable water supply located on the Ugum River in the Municipality of Inarajan. The project shall be known as the "Malojloj-Inarajan Water Supply Development".

Section 3. Three Million Eight Hundred Thousand Dollars (\$3,800,00) is appropriated from the General Fund to the Public Utility Agency of Guam for Phase I of the construction of the Malojloj-Inarajan Water Supply Development.

Section 4. Three Million Dollars (\$3,000,000) is appropriated from the Fiscal Year 1990 Revenues for the completion of the project. Such appropriation shall be available no later than October 31, 1989.

Section 5. No stream, river or tributary may be dammed by any person without the consent of the Governor of Guam and the Guam Legislature.