

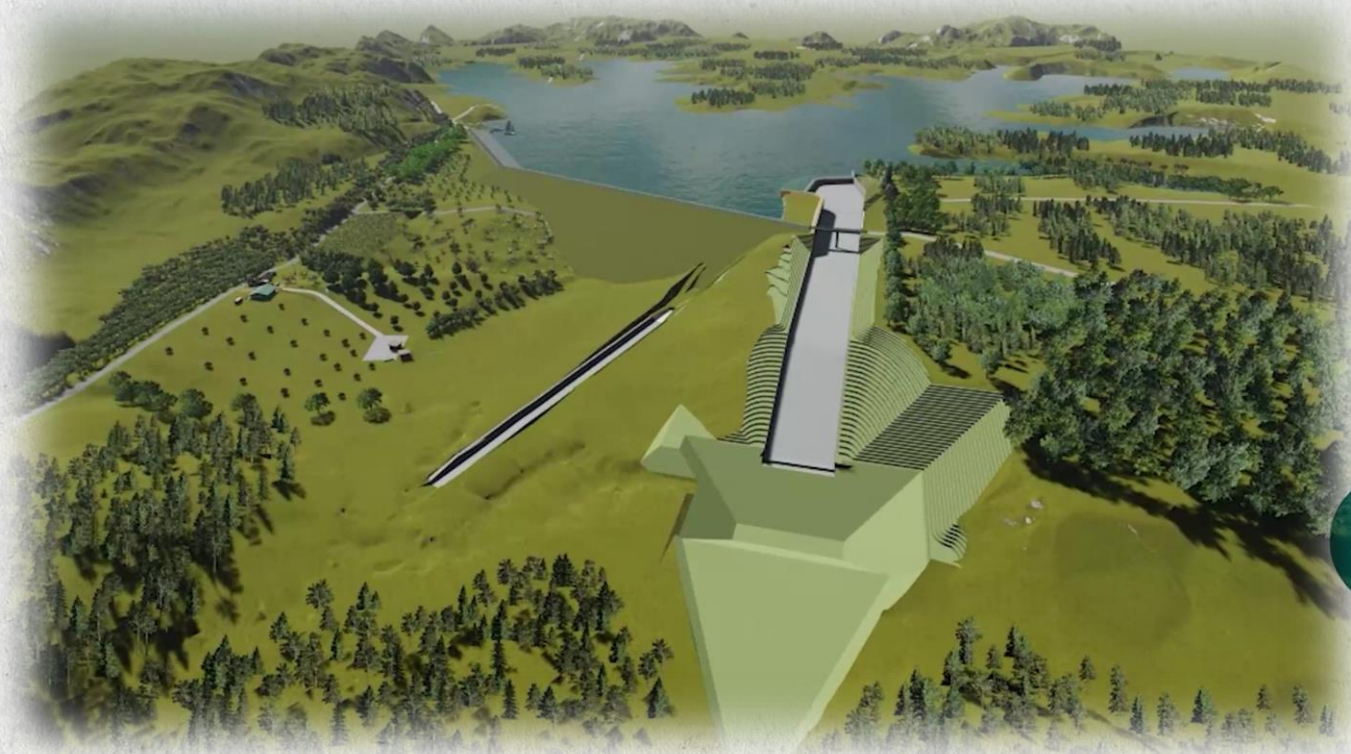


REPUBLIC OF THE PHILIPPINES
DEPARTMENT OF AGRICULTURE
NATIONAL IRRIGATION ADMINISTRATION
COTABATO IRRIGATION MANAGEMENT OFFICE

PUBLIC HEARING REPORT

Proposed Tulunan Small Reservoir Irrigation Project

Brgy. Maybula, Tulunan, Cotabato



April 2024



Republic of the Philippines
DEPARTMENT OF AGRICULTURE
NATIONAL IRRIGATION ADMINISTRATION
REGION XII
COTABATO IRRIGATION MANAGEMENT OFFICE

April 12, 2024

ENGR. GILBERT C. GONZALES

Director

Environmental Management Bureau- Central Office

DENR Compound, EMB Building, Visayas Ave., Diliman, Quezon City

Thru: **ENGR. ESPERANZA A. SAJUL**

Chief, Environmental Impact Assessment and Management Division (EIAMD)

SUBJECT: **Public Hearing Report**

Tulunán Small Reservoir Irrigation Project (SRIP)

Municipality of Tulunán, Cotabato

Dear **Director Gonzales**,

In adherence to the requirements outlined under DAO 2017-15, also known as the *Guidelines on Public Participation under the Philippine Environmental Impact Statement (EIS) System*, we are submitting this **Public Hearing Report** which comprehensively outlines the planning and execution of the Public Hearing for the proposed **Tulunán SRIP**, which took place on April 04, 2024, at Brgy. Maybula, Tulunán, Cotabato.

Furthermore, enclosed with this report is a USB drive containing the complete video recordings of the entire event.

Thank you very much.

Very truly yours,


ENGR. DOROTEO A. CANJA

Division Manager

National Irrigation Administration – Cotabato Irrigation Management Office

Brgy. Amas, Kidapawan City, North Cotabato

Amas, Kidapawan City, Province of Cotabato, Philippines

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PUBLIC HEARING REPORT

Tulunan Reservoir Irrigation Project (SRIP)

Project Proponent:

**National Irrigation Administration
Regional Office XII**

April 2024

PUBLIC HEARING REPORT

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1 INTRODUCTION

1.1 Project Rationale

The National Irrigation Administration (NIA) is a government-owned and operated entity tasked mainly with the development and supervision of irrigation systems. Established through Republic Act (RA) 3601 in June 1963, its charter underwent amendments via Presidential Decree (PD) 552 in September 1974 and PD 1702 in July 1980. Some key objectives of the agency include:

- Increase irrigated areas contributing to agricultural productivity;
- Attain satisfaction of farmers;
- Improve planning, design, and implementation of irrigation and multipurpose projects to be climate change adaptive;
- Ensure efficient and effective operation and maintenance of irrigation systems;
- Improve budget utilization and revenue generation from non-irrigation sources;
- Adopt a results-based performance culture; and
- Improve management information systems and processes.

Mindanao produces twenty percent (20%) of the nation's total rice supply. According to Philippine Rice Research Institute (PRRI) rice data for 2022, SOCCSKSARGEN (Region XII) is Mindanao's highest-producing region, generating 1.24 million metric tons (MT) of rice annually, or 31.9% of the province's total output. In contrast, the Province of Cotabato accounts for 41.1%, or 510,973 MT, of the entire rice production in Region 12.

As of December 31, 2021, the NIA had developed 2,042,392.66 hectares of service area, or 65.28% of the 3,128,631 hectares of irrigable land in the nation. Out of the total land potential of 293,226 hectares in Region 12, only 130,303 hectares, or 44.44%, are now covered by NIA's irrigation system. The region's remaining 163,316 hectares of land, which include agricultural areas with a 3% slope, have the potential to be developed through irrigation.

The national objective of agricultural development in Mindanao is currently being supported by a strategy being implemented by the NIA SOCCSKSARGEN Region (Region XII). The Tulunan SRIP, which aims to irrigate an extra 900 hectares of farmland during the dry season and 850 hectares during the rainy season over eight (8) barangays in Tulunan, Cotabato, is one of the priority projects included in the agricultural development plan. The projected Tulunan SRIP is anticipated to augment the current 179 hectares of rice farms now served by the Minapan CIS and the 734 hectares covered by the Damawato-Bual Bayanihan CIS with its water impounding potential. Through this extension, the agency aims to strengthen its efforts in irrigation development, support the national rice sufficiency target, and increase agricultural production and revenue for the area's beneficiary farmers. The execution of the project is also expected to provide the participating communities with new sources of income and employment opportunities, boosting the local economy in the municipality of Tulunan.

1.2 The Project

The proposed Tulunan Small Reservoir Irrigation Project (SRIP) will be situated within the Municipality of Tulunan, located in the province of Cotabato. It stands as a flagship initiative of the National Irrigation Administration – Cotabato Irrigation Management

Office (NIA-CIMO), with the primary objective of irrigating an additional 900 hectares of farmland across eight (8) barangays in Tulunan, Cotabato. Furthermore, it seeks to supplement the existing irrigation coverage provided by the Minapan Communal Irrigation System (CIS) and Damawato-Bual Bayanihan CIS, which currently serve 179 hectares and 734 hectares of rice lands, respectively.

The project will be composed of four (4) major components, namely:

- Construction of a 34-meter zoned earth-fill dam and appurtenant structures. The dam will be located in coordinates 6°46'43" north latitude and 124°57'0" east longitude (WGS 84 datum);
- Reservoir with total storage capacity of 8.919 million cubic meters (MCM) and inundation area of 96.4 hectares covers mostly areas within Brgy. Maybula, Tulunan, Cotabato but a very small portion encroached the boundary of Brgy. New Bunawan, Tulunan, Cotabato;
- Construction of new irrigation and drainage facilities with length of 14.8 km of main canal and 4.13 km of lateral canals to irrigate farmlands barangays Maybula, Kanibong, Minapan, Bual, Damawato, Sibsib, Popoyon, and Galidan, all in the municipality of Tulunan; and
- Construction of new access road going to Sitio Malipayon and New Bunawan with lengths of 2.33 km and 0.48 km, respectively.

Figure 1 shows the location map of the project.

According to the feasibility study conducted for the project, the estimated cost amounts to Php 1.79 billion. This cost went up to Php 2.43 billion base on the updated project cost assessment.

1.3 Proponent Details

Proponent:	National Irrigation Administration – Cotabato Irrigation Management Office (CIMO)
Proponent Address:	Brgy. Amas, Kidapawan, Cotabato
Contact Person:	Engr. Doroteo A. Canja Division Manager
Contact Details:	Email: r12.northcotabato-imo@nia.gov.ph Telephone: (064) 572-6150

1.4 EIA Consultant Details

EIA Consultant	ABM Specialists Corp.
Company Address:	Brgy. Cristo Rey, Capas, Tarlac
Company Contact Details:	Email: abm.specialists@gmail.com Contact No.: 09506064348
Contact Persons:	Aris B. Marilao EIA Team Leader

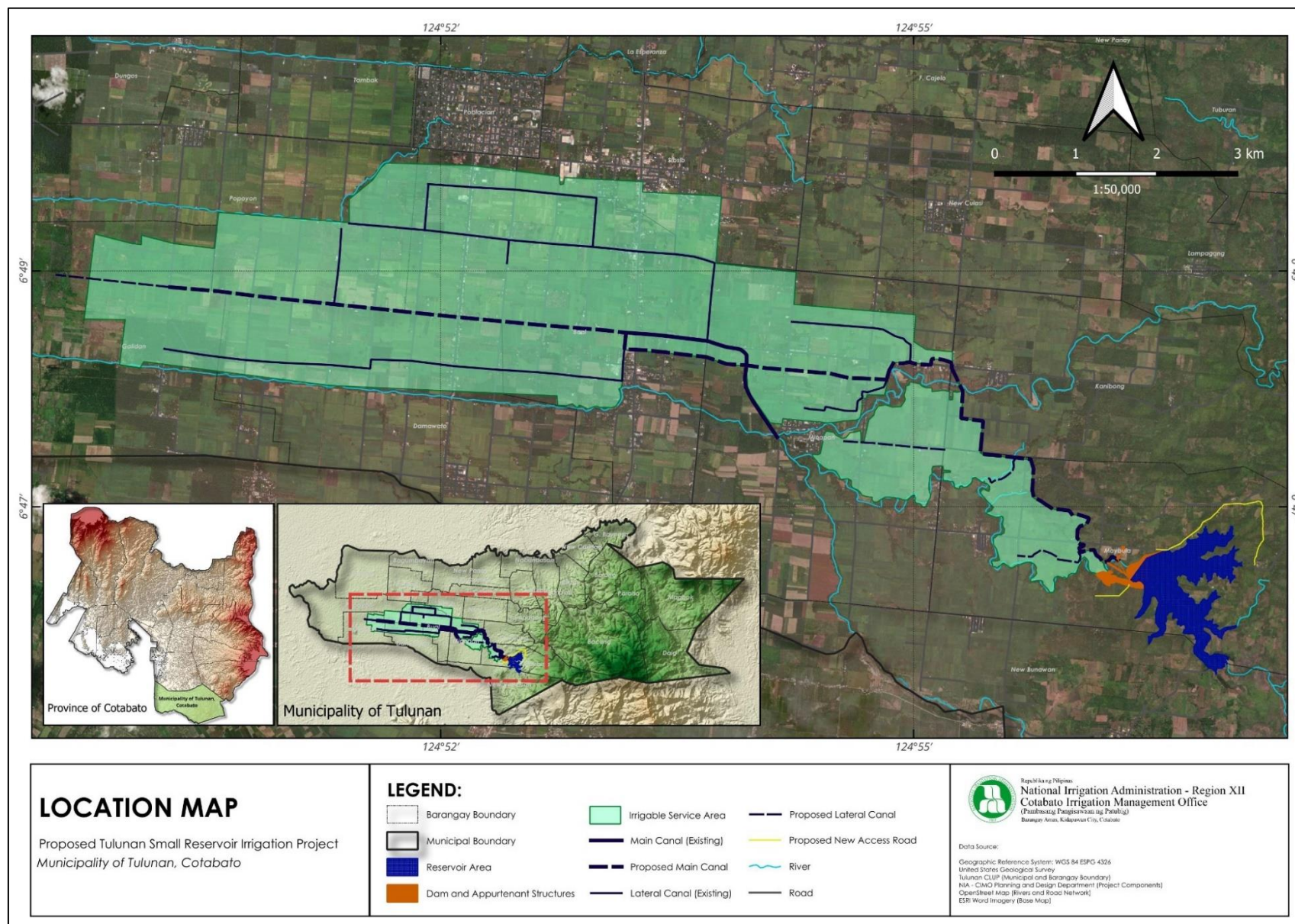


Figure 1: Location Map of Tulunan SRIP

2 PUBLIC PARTICIPATION DURING THE EIA PROCESS

In accordance with the *Guidelines on Public Participation under the Philippine Environmental Impact Statement (EIS) System*, the EIA Study Team for the proposed Tulunan SRIP closely adhered to the engagement guidelines during the conduct of the EIA study.

Table 1 summarizes the timeline of activities conducted by the study team for the ECC application process, carried out by the study team throughout the ECC application process, whereas **Table 2** outlines the public participation initiatives undertaken for the project.

Table 1: Timeline of Activities for the ECC Acquisition Process of Tulunan SRIP

No.	EIA Activities	Date Conducted
1	Conduct of IEC and Perception Surveys	September 7 – 9, 2022
2	Submission of Request for Public Scoping	September 21, 2022
3	Public Scoping for Proposed Tulunan SRIP	October 21, 2023
4	Submission of Public Scoping Report	November 3, 2022
5	Technical Scoping with EIA Review Committee	December 12, 2022
6	Conduct of 1 st Site Surveys: <ul style="list-style-type: none"> FGDs with LGUs, PAPs, and Other Stakeholders Social Surveys on PAPs and Farmers Surface Water Quality Survey (dry season) 	January 15 – 20, 2023
7	Site Inspection with MGB-R12	February 27 – March 1, 2023
8	Field-base Investigation (FBI) with the NCIP-Cotabato	March 9, 2023
9	Conduct of 2 nd Site Surveys: <ul style="list-style-type: none"> FGDs with LGUs, PAPs, and Other Stakeholders Social Surveys on PAPs and Farmers Surface Water Quality Survey (wet season) Groundwater Quality Survey Air and Noise Quality Survey Joint Inspection at Maybula Bat Cave 	June 9 – 16, 2023
10	Profiling of Maybula Bat Cave	June 18-20, 2023
11	Submission of Draft EIS Report to EMB-CO	September 4, 2023
12	Acceptance of Substantive Review of Draft EIS Report	November 24, 2023
13	1st EIARC Meeting	January 15, 2024
14	Submission of Revised Draft EIS Report (Additional Information Request)	February 27, 2024
15	Issuance of Notice of Public Hearing from EMB-CO	March 14, 2024
16	Publication of Notice of Public Hearing	March 19 and 26, 2024
17	Conduct of Public Hearing	April 4, 2024

Table 2: List of Conducted Public Participation Activities for Tulunan SRIP

No.	Public Participation Activities	Date Conducted
1	Courtesy Meeting with Tulunan LGU (Office of the Vice Mayor)	September 7, 2022
2	Courtesy Meeting with Maybula BLGU	September 7, 2022
3	FGD with Brgy. Maybula Officials and PAPs	September 8, 2022
4	FGD with Farmers of Brgy. Minapan	September 8, 2022
5	FGD with Bual and Damawato Farmers	September 8, 2022
6	Public Scoping for Proposed Tulunan SRIP	October 21, 2023
7	KII with Minapan Brgy. Captain	January 15, 2023
8	FGD with NIA-CIMO and NIA-R12	January 16, 2023
9	FGD with Brgy. Minapan LGU Officials	January 17, 2023
10	KII with Brgy. New Bunawan Captain	January 18, 2023

No.	Public Participation Activities	Date Conducted
11	Meeting with Tulunan Municipal Council, Brgy. Minapan Officials, NIA-CIMO, and SEIA Study Team	Jan 19, 2023
12	KII with MAO Personnels	June 9, 2023
13	KII with Tulunan LGU MPDC	June 9, 2023
14	FGD with Banana Farmers of Tulunan	June 9, 2023
15	FGD with the Tulunan United Rubber Planters Association (TURPA) and Residents of Sitio Malipayon	June 10, 2023
16	KII with Brgy. Galidan Captain Sindatuk A. Sali	June 14, 2023
17	FGD with Brgy. Kanibong Officials and Farmers	June 14, 2023
18	FGD with Damawato LGU Officials and Farmers	June 15, 2023
19	KII with Brgy. Popoyan Officials	June 15, 2023
20	FGD with Brgy. Bual Officials	June 16, 2023
21	FGD with Brgy. Sibsib Officials	June 16, 2023

3 PREPARATION FOR PUBLIC HEARING

With the approval of the EMB-Central Office, the public hearing for the Tulunan SRIP was set for April 4, 2024 at Maybula Covered Court, Brgy. Maybula, Tulunan in Cotabato, as part of its Social Environmental Impact Assessment (SEIA) and its ECC acquisition process. **Annex A** presents a copy of the Notice of Public Hearing.

In compliance with DAO 2017-15, the EIA Study Team contracted The Manila Times Publishing Corp. to publish the Notice of Public Hearing on March 19 and 26, 2024. Evidence of publication of the Notice of Public Hearing of the proposed Tulunan SRIP is shown in **Annex B**.

The Notice of Public Hearing was posted on the EMB Central Office's website on March 13, 2024, and it was subsequently shared on their Facebook page on March 19, 2024. The notice is also posted in the NIA-CIMO's official Facebook page on March 27, 2024 (refer to **Annex C**).

The Public Hearing invitation letters and EIS Summary for the Public were distributed to the identified public stakeholders from March 27 to April 1, 2024. Furthermore, the Notice of Public Hearing was also posted at the bulletin boards of all concerned government offices, municipality, and barangays.

Annex D compiles the proof of receipt of the invitation letters for the Public Hearing, **Annex E** collates the copy of three versions of EIS Summary for the Public (English, Tagalog, and Cebuano), and **Annex F** presents the photos taken during the posting of the Notice of Public Hearing.

4 PUBLIC HEARING

4.1 Attendance during the Public Hearing

A total of 204 individuals participated in the Public Hearing for the proposed Tulunan SRIP, comprising 114 males and 90 females. The largest group of attendees represented stakeholders from Barangay LGUs / Farmer's Association / PAPs, with a total of 162 participants out of the 204 attendees. This group accounted for 79.41% of the total attendees present at the venue of the public hearing.

The breakdown of the list of participants who attended the public hearing is provided in **Table 3**, while **Annex G** contains the attendance sheet during the Public Hearing.

Table 3: Attendees during the Public Scoping for Tulunan SRIP

Stakeholder Group	Number of Attendees		
	Male	Female	Subtotal
Municipal/City/Provincial LGU	5	1	6
Barangay LGUs /Farmer's Association/ PAPs	85	77	162
Government Institutions	5	3	8
Non – Governmental Organization	0	0	0
Proponent/ Environmental Consultant	14	7	21
EMB-Central Office	3	2	5
EMB-Regional Office No. 12	2	0	2
TOTAL	114	90	204

4.2 Flow of Public Hearing

The registration commenced at 8:30 AM, followed by the start of the program at 09:40 AM with the rendition of the National Anthem and Doxology led by Mrs. Jean Marie Fe Bansag, Senior IDO, NIA-Cotabato Irrigation Management Office. Mr. Antonio Bedaño, the Barangay Captain of Maybula, Tulunan, Cotabato, delivered the opening remarks, and participant introductions were then conducted by Engr. Jes Roland Cammayo, a Technical Staff member from EMB – Central Office and one of the Case Handlers.

After the introduction of the participants, Engr. Jes Roland Cammayo provided an overview of the Public Hearing's objectives and structure. Subsequently, Engr. Godfrey Respicio, Project Supervising Engineer of NIA-Cotabato Irrigation Management Office, provided a brief description and outlined the components of the dam project. This was followed by Mr. Aris Marilao, the EIA Study Team Leader of the proponent's consulting team, who presented the results of the EIA study. The slides utilized during the Public Hearing are available in **Annex H**.

Under the supervision of the appointed hearing officer authorized by the EMB – Regional Office No. 12, Engr. Rodolfo A. Tuya, Senior EMS, EMB-Regional Office No. 12 guided the open forum that followed the conclusion of the presentations. Throughout this forum, stakeholders brought up a range of issues, concerns, and recommendations, while representatives from NIA-Regional Office No. 12, NIA-Cotabato Irrigation Management Office, and the EIA Study Team responded to their queries.

The event concluded with a closing remark delivered by Engr. Jes Roland Cammayo, and the Public Hearing was adjourned at 12:50 PM. This was followed by a site visitation led by representatives from NIA Regional Office No. 12, NIA – Cotabato Irrigation Management Office, EIA Consulting Team, EMB – Central Office, and EMB – Regional Office No. 12.

4.3 Comments, Issues, and Suggestions Raised

Throughout the open forum, all participants were encouraged to ask questions, make comments, discuss problems, and offer suggestions related to the proposed project.

Summarized comments, issues, and recommendations raised during the public hearing are presented in **Table 4**. Meanwhile, the transcription of the proceedings is presented in **Annex I** .

Table 4: Issues, Comments, and Recommendations Raised during the Open Forum of the Public Hearing

Module	Stakeholder	Comments/Issues/Suggestions	Proponent's Response
Project Description	Ronie F. Amar <i>President, Brgy. Maybula BAWASA, Tulunan, Cotabato</i>	During construction, repairs and damage may occur. With that, who will be responsible for the repair and damage?	Any damage caused by the project will be covered by the NIA. If the contractor is negligent or at fault, then the contractor will be responsible. However, if the contractor fails to take action, NIA will bear the responsibility. So, rest assured, it will be addressed. The farm areas that will be affected by the spillway will be acquired by the proponent as part of the right-of-way acquisition process. Aside from the identified areas that will be submerged, the NIA will also purchase a certain 3 to 5 meters of additional area around the project vicinity to serve as buffer zone.
	Mike F. Veniegas <i>Kagawad, Brgy. Minapan, Tulunan. Cotabato</i>	Regarding the implementation of the new access road from the road junction of Bagong Silang that will be rerouted to Sitio Malipayon, can we request an extension of the concrete road that will be constructed since rerouting will mean that our route will be farther away?	According to Engr. Doroteo Canja, the extension of concrete road construction, notes that this project is progressive. They can inform the government of the need, but they have to understand that our government has its own budget constraints. If there is a budget allocation for the construction of that road this year, it will be allocated accordingly.
The Land	Mike F. Veniegas <i>Kagawad, Brgy. Minapan, Tulunan Cotabato</i>	When will the seedlings be provided? According to the project timeline, the affected area of rubber trees should have already been harvested before the implementation of the project.	The proponent needs to submit a Watershed Management Plan (WMP) first. However, the current concern is the location of new planting and farming areas. If the seedlings are provided to the affected rubber planters, it must be ensured that the farmers have a new location where to plant the rubber seedlings that will be distributed. In the WMP, planting should be done only within the watershed area. If the management plan is approved this year, there may be a budget by next year. It usually takes one year upon submission of the WMP.

Module	Stakeholder	Comments/Issues/Suggestions	Proponent's Response
	Mike F. Veniegas <i>Kagawad, Brgy. Minapan, Tulunan Cotabato</i>	Regarding the acquisition of the right of way, when will the payment be made? Based on the project timeline, the acquisition of Right of Way has already started, but no payment has been made yet. It's already 2024 now, and there's still no payment. The people have been waiting.	As stated by Engr. Doroteo Canja, all the requirements for the right of way have already been sent to the central office for allocation, which is dependent on the national budget as well. Currently, the project requires 260 million pesos for the just compensation for right-of-way acquisition. As of now, the NIA-CIMO is waiting for the release of the budget from the central office, but rest assured that all the claims for the right of way are being processed and will be compensated.
	Sahid M. Nanding <i>Kagawad, Brgy. Elbebe, Columbio, Sultan Kudarat</i>	There are parts of the reservoir which are under jurisdiction of Brgy. Elbebe, Columbio, Sultan Kudarat. The sitio is located in Lot No. 166. The Lot No. 175, on the other hand, has a land title also under Columbio, Sultan Kudarat. Columbio also has an area included in the current project area being discussed.	<p>There is an unresolved issue of boundary conflict in that area, involving three provinces and three municipalities. Tulunan was able to submit an official map to the DILG on which the project area was based. However, in the later part of the study, it turned out that Datu Paglas and Columbio also have claims in the area.</p> <p>As per Atty. Norlaine C. Omar, NIA Regional Office XII, the areas have been acknowledged. In relation to the processing of right-of-way claims, all titles under different municipalities are being acknowledged. It's just that in this particular project, those municipalities may not be mentioned, but in actuality, the said municipality is included. So please don't feel oppressed.</p> <p>The claimants whose titles are under Datu Paglas and Columbio are being facilitated accordingly. Even though the political boundaries are still in dispute and not yet defined, they acknowledge the said municipality and barangays in facilitating that Right of Way papers and compensation. The barangay itself will provide certification attesting whether those claimants are crop owners and landowners in your area, and it will not overlap with the jurisdiction under the municipality of Tulunan.</p>

Module	Stakeholder	Comments/Issues/Suggestions	Proponent's Response
	Duruin Ramie Paz <i>Former Brgy. Captain, Brgy. Minapan, Tulunan, Cotabato</i>	Based on the activities outlined, the acquisition of the right of way was also scheduled for 2022-2023. It's already 2024, but they still haven't been paid.	Engr. Doroteo Canja stated that the Right of Way documents are already in the office. The NIA is already determining which of those claimants is ready for payment, so the documents are being prepared in the office, and they are just waiting for the budget allocation. If your documents are complete, you are one of the rightful claimants ready for payment.
	Rogelio Pidoy <i>Sitio Leader, Bagong Silang, Brgy. Maybula, Tulunan, Cotabato</i>	The project is commendable, however, there is a prevailing sentiment regarding the timeline of the project. While some owners in our area have received compensation, others remain unpaid. And as a follow-up to Kgd. Veniegas' concern regarding the potential extension of concrete road rerouting to Sitio Malipayon, if this project will be implemented, how would the Kagawad's recommendation for road extension be addressed? Secondly, there is still indeed an ambiguity regarding the land ownership on lots with double issuance of titles.	Atty. Norlaine C. Omar stated that regarding the issue of the double issuance of titles, the resolution to this matter follows the principle of "first in time, stronger in right." Whoever obtains a land title first will be honored by the NIA for the payment of right-of-way compensation. Regrettably, the proponent cannot provide an explanation as to why these double issuances occur, as these concerns fall under the scope of other concerned government agencies. However, in facilitating the right-of-way claims, the landowners who obtained the title first will be prioritized regardless of whether the titles are under different municipalities. We will facilitate the right-of-way payment for all affected areas, taking into account both the actual area and the submitted documentary requirements.
	Diony Cresancio <i>Land Owner, Brgy. Maybula, Tulunan, Cotabato</i>	The presentation was good. All possible risks were identified, but another risk is livelihood. The people won't be able to farm anymore because, in 5 years, their land will be submerged in water. If the payment is still due after 5 years, people will suffer.	As mentioned, the EIA team studied the land, water, and air impacts of the project, but the most important aspect is the people. Numerous meetings were held and several issues were identified. The NIA will acquire the land in the reservoir area last because it will take 5 years before it will be utilized and submerged. At this stage, the completion of the dam is the priority, thus, the landowners may still proceed with their activities in their lots in the reservoir area within that 5-year period. The landowners also have the right to decline

Module	Stakeholder	Comments/Issues/Suggestions	Proponent's Response
			<p>the use of their land by NIA until 50% of the land cost is paid by the proponent, as stated in the Right-of-Way Act. Further, the people also have the right to plant and harvest crops and structures until 70% of the crops and structures have been paid for by the proponent.</p> <p>According to Atty. Norlaine C. Omar, until the NIA has not officially possessed the affected land area, the people may retain the right to utilize it. This includes planting and harvesting crops. NIA has placed no prohibitions on land access, even for those who have issued their Permit to Entry. Your freedom to manage your land and crops remains intact until compensation is received from the proponent. NIA is proactively managing your right-of-way compensation requirements to ensure prompt payment upon budget allocation.</p> <p>In addition, Engr. Doroteo Canja assured that the landowner may still access the land and farm or cultivate new crops in the area, but the NIA will not consider the new crops for payment for acquisition because they are beyond the accounted budget that the office has requested.</p>
	Henry M. Bayotlang <i>Landowner, Brgy. Maybula, Tulunan, Cotabato</i>	<p>The concern is the standard cost per square meter for areas crossed by the canal. The land valuation in our area, the upper area, is only 20 pesos, but in Minapan, the value is 90 pesos.</p> <p>Their area has already been evaluated. All the trees were cut down, and the payment I received was only PHP 88,000.00, which</p>	<p>Atty. Norlaine C. Omar said that, regarding the timeline of the payment, rest assured that a meeting will be set to address the grievances. As for the standard valuation of the land, under the Right-of-Way Act, it was not the NIA that provided the valuation. NIA is required by law to procure a government financial institution for this purpose. In this project, the office procured the services of the Landbank of the Philippines (LBP). The LBP conducted the assessment and provided the valuation of the land. There may be some</p>

Module	Stakeholder	Comments/Issues/Suggestions	Proponent's Response
		is a significant shortfall. Before they entered the area, that was what we agreed upon.	variations, but the office can show you the Landbank's report. As for the valuation of crops, structures, and improvements, the basis for these is the NIA's partner agencies, including the DENR, the Department of Agriculture, and the Provincial Assessor's Office. The valuation is based on the current market values signed under a resolution by the project valuation committee.
	Maria Divina Dumalayang <i>Landowner Brgy. Bual, Tulunan, Cotabato</i>	There has been no feedback regarding the status of payments since the trees were cut down on our lands. What can I deliver to my fellow residents who are concerned about payment? The coconut trees have been cut already. The promise was that by December, payment would be received since cutting was going to start. There should not have been any commitment to payment, and let the people either provide a permit to enter or a permit to cut. They could have still benefited from their crops instead of being cut down.	As per Engr. Doroteo Canja, in terms of payments for the right of way, funds are not yet released for the area crossed by the main canal. Funds for mobilization are still pending. Perhaps they spoke with the contractor, and the information didn't reach the manager's office. Currently, the inventory of areas not yet covered by the contractor is ongoing. Once the area is included in the enumeration of areas covered by the contractor, NIA will prioritize your area once the requested funds have been downloaded.
	Romilyn Tanate. <i>Land Owner, Brgy. Maybula, Tulunan Cotabato.</i>	The concern is that the dam construction might begin, and they won't get their payments.	As mentioned by the attorney earlier, for as long as they have not been paid, they have the right to decline permission for the NIA to enter your own private property.
The Water	Joe Hernandez	Stated that the presentation is good. The project will bring good livelihoods here in	As stated by Engr. Godfrey Respicio, the dam, is zoned because the materials inside the dam have various safety

Module	Stakeholder	Comments/Issues/Suggestions	Proponent's Response
	<i>Maybula Integrated Farming Association, Brgy. Maybula, Tulunan, Cotabato</i>	Maybula and in nearby barangays. In terms of the risk and threat brought by the dam, what precautions have been prepared for the entire coverage area of the dam?	features that can minimize or avoid possible dam failure. Regarding flooding, the dam is designed for a return period of more than 1 to 10,000 flood classes. However, with or without a dam, there will still be flooding, but in terms of control, the dam can somehow control flooding since its spillway is designed to not directly release water. We consider large floods in the design because there are many residents behind the dam area.
	Joel P. Dullano <i>Punong Barangay, Brgy. Popoyon, Tulunan, Cotabato</i>	If the water level rises or if there's a flash flood, barangays of Popoyon and Galidan are mainly affected. With this, what guarantee can NIA provide? Will you be able to install a canal and develop it towards the Ligwasan Marsh area? It is recommended that the canal exit be developed properly for the safety of the barangay.	During the consultation in Brgy. Galidan, it was acknowledged that they experience flooding during heavy rains. The good thing about this dam project is that it will prevent 16% of the rainwater from the mountains and this portion will be trapped in the reservoir. Regarding the drainage project mentioned, it is not included in the item of activities for this project, hence, it is not part of the overall project cost. However, it has a convergence project with DPWH, so these concerns about drainage can be raised to them. It is a responsibility in the Planning Division to endorse these matters to the proper government agencies.
The People	Tammy Egkayogen, <i>Secretary, Brgy. Elbebe, Datu Paglas, Maguindanao</i>	There is an existing barangay in the project area of Datu Paglas, Maguindanao BARMM. This barangay has been existing since 1973. If the project proceeds, will NIA assist the residents in relocating to a new site? What are the programs of the NIA regarding this matter? The barangay is situated at the center of the project area, in Lot No. 177, near the Batcave.	The information used on this project is based on the official municipal boundaries of Tulunan. All the plotted areas on our maps were sourced from the MPDC office in Tulunan. If there are boundary conflicts, it is stated on the management plan that NIA will coordinate with nearby municipalities. The areas you mentioned earlier were not identified as the affected areas for the construction of the reservoir unless these areas were covered by the potential quarry site mentioned by Engr. Godfrey, which could serve as the source of construction materials. In the map shown, there are five

Module	Stakeholder	Comments/Issues/Suggestions	Proponent's Response
			potential quarry sites that are not yet confirmed. The area that you have mentioned is under Option 3, among the five option areas for quarry sites. In the event that option 3 is utilized, all applicable rules and regulations under RA 10752 will be followed. The land, crops, and structures will be compensated. If there are informal settlers, the land won't be compensated unless proof is presented, but the structures and crops will be compensated. Rest assured that for any affected areas, the compensation for crops, trees, and structures will be based on their value in accordance with the law.
	Lilibeth Pedroso <i>Brgy. Kagawad, Brgy. Minapan, Tulunan, Cotabato</i>	A worker from Brgy. Minapan was contracted to work on the lining of the canal. The concern is that the contractor did not pay for his labor.	The contractor is responsible for the civil works of the project, including its relationship with its workers. The NIA cannot make any commitments in relation to the concern, but it will be noted.
Other Concerns	Jonathan Alacapa <i>Punong Barangay, Brgy. Minapan, Tulunan, Cotabato</i>	<p>The proponent has mentioned that they found a way to address the concerns and issues of Brgy. Minapan. However, no communication has been sent to their barangay to discuss what has been done. Last year, during the Barangay Assembly, the members of the assembly took a stand that they would not agree to the reservoir project, as many questions have remained unanswered.</p> <p>The people of Barangay Minapan are still waiting for an explanation. A barangay assembly will be conducted this coming Saturday, and the proponent is invited to attend. Until our people's questions are</p>	<p>During the conducted Public Scoping, Barangay Minapan has clearly raised their issues and concerns. In January 2023, the team went to Minapan and met with the Barangay Captain. The next step that has been conducted afterwards was a meeting with NIA-CIMO and NIA Regional Office to discuss all the issues and concerns. Then the proponent presented to the board members and barangay officials the safety features of the dam project.</p> <p>According to Engr. Doroteo Canja, the request of Brgy. Minapan for bridge has been forwarded already to the DPWH to be included in their plans for bridging the municipal areas that need such. The process for this is already ongoing. The Barangay Captains concern has been sent to DPWH as part of the government's program on convergence with other agencies.</p>

Module	Stakeholder	Comments/Issues/Suggestions	Proponent's Response
		answered, our stand in the barangay remains unchanged. We still won't agree.	The EIA Study Team will attend the Barangay Assembly on April 6, 2024, to discuss the project and clarify people's concerns regarding the proposed project.
	Henry M. Bayotlang <i>Landowner, Brgy. Maybula, Tulunan, Cotabato</i>	Asked, how can he use the canal when it is 15 feet deep from his area? Is it possible to request a pump from NIA so that he can utilize the canal for his area?	The proponent will consider it.

ANNEXES

ANNEX A

NOTICE OF PUBLIC HEARING



Department of Environment and Natural Resources
ENVIRONMENTAL MANAGEMENT BUREAU
DENR Compound, Visayas Avenue, Diliman, Quezon City 1116
Tel.Nos. (632)927-1517; 928-3725; Fax No.(632)920-2258
Website: www.emb.gov.ph Email: recordsco@emb.gov.ph



NOTICE OF PUBLIC HEARING

On the **ENVIRONMENTAL IMPACT STATEMENT (EIS)** of the proposed **TULUNAN SMALL RESERVOIR IRRIGATION PROJECT** of the **NATIONAL IRRIGATION ADMINISTRATION – COTABATO IRRIGATION MANAGEMENT OFFICE (NIA-CIMO)** to be located in **BARANGAY MAYBULA, MUNICIPALITY OF TULUNAN, COTABATO**.

Notice is hereby given to all parties who wish to give their opinion regarding the implementation of the proposed **TULUNAN SMALL RESERVOIR IRRIGATION PROJECT** to attend the Public Hearing on:

Date	Time	Venue
04 April 2024 (Thursday)	9:00 AM <i>Registration starts at 8:30a.m.</i>	Covered Court, Barangay Maybula, Tulunan Cotabato

The Public Hearing is being conducted in connection with the review of the EIS of the aforementioned project by the Environmental Management Bureau (EMB) of the Department of Environment and Natural Resources (DENR).

The following is the project information:

Project Name	Tulunan Small Reservoir Irrigation Project
Project Location	Barangay Maybula, Municipality of Tulunan, Cotabato
Project Type	Dam and Irrigation Project
Project Area	Reservoir Inundation Area: 96.4 hectares
Project Capacity	Storage Capacity: 8.919 MCM
Project Rationale	The Tulunan SRIP is one of the priority projects listed in the agricultural development plan which aims to irrigate an additional 900 hectares of farmlands during dry season and 850 hectares during wet season in eight (8) barangays of Tulunan, Cotabato. Due to the project's water impounding capability, the proposed Tulunan SRIP is also expected to augment the existing 179 hectares of rice lands currently serviced by the Minapan CIS and 734 hectares covered by the Damawato-Bual Bayanihan CIS. This will help increase the agency's irrigation development output to help attain national rice sufficiency and improve the agricultural productivity and income of beneficiary farmers in the area. The project implementation will also generate livelihood and job opportunities for host communities, thus, increasing the economic activity in the municipality of Tulunan.
Project Components	The project will be composed of four major components: Component 1: Construction of a 34-meter zoned earth-fill dam and appurtenant structures; Component 2: Reservoir with total storage capacity of 8.919 MCM and area of 96.4 hectare; Component 3: Construction of new irrigation and drainage facilities with length of 14.8 km of main canal and 4.13 km of lateral canals; and Component 4: Construction of new access road going to Sitio Malipayon and New Bunawan with lengths of 2.33 km and 0.48 km
Proponent	National Irrigation Administration – Cotabato Irrigation Management Office

All interested parties who wish to attend or participate in these Public Hearings should preferably confirm their attendance/participation and may give their opinion(s) in a concise position paper to the **ENVIRONMENTAL IMPACT ASSESSMENT AND MANAGEMENT DIVISION (EIAMD)** of this Office through mail or email at cia@emb.gov.ph, at least three (3) days before the Public Hearing schedule. Those who will not be able to register or submit written positions may be given the opportunity to share their issues on the day of the hearing itself.

The project's EIS and Executive Summary for the Public are downloadable at our website: www.eia.emb.gov.ph (*kindly access the Notice of Public Hearing/ Consultation link found on our website*) while copies will be available in the following offices:

1. **EMB Region XII**
Prime Regional Government Center 12, Koronadal City, 9506 South Cotabato
2. **Barangay Hall of Barangay Maybula, Tulunan, Cotabato**

For more details, please contact the EIAMD Division at this Office at telephone number (02) 8539-4378 loc. 116 through the project case handlers **Engr. George Silvederio** and **Engr. Jes Roland Cammayo**.





Department of Environment and Natural Resources
ENVIRONMENTAL MANAGEMENT BUREAU
DENR Compound, Visayas Avenue, Diliman, Quezon City 1116
Website: www.emb.gov.ph Email: recordsco@emb.gov.ph
Tel.Nos. (632) 8539-4378



PUBLIC HEARING PROGRAM

Project Title: **Proposed Tulunan Small Reservoir Irrigation Project (Tulunan SRIP)**
Project Proponent: **National Irrigation Administration (NIA) Regional Office No. 12 & National Irrigation Administration - Cotabato Irrigation Management Office (NIA-CIMO)**
Project Location: **Municipality of Tulunan, Cotabato**
Date & Time: **April 4, 2024 (starts at 8:30 AM)**
Venue: **Maybula Covered Court, Brgy. Maybula, Tulunan, Cotabato**

Time Allotted	Program of Activities	Person Responsible
8:30am-9:00 am	Registration of Participants	Proponent/ EIA Consultant
9:00am-9:15 am	Prayer and National Anthem	Proponent/ EIA Consultant
9:15am-9:20am	Introduction of Participants	EMB-CO Representative
9:20am-9:30am	Welcome Remarks	LGU Representative
9:30am-9:50am	EIA Process and Objectives of Public Hearing	EMB-CO Representative
9:50am-10:00am	Rules on the Conduct of Public Hearing	Public Hearing Officer
10:00am-10:30am	Presentation of the Proposed Project Description including Alternatives and the Environmental and Social Impacts Study Process and Results	Aris B. Marilao <i>EIA Study Team Leader</i>
10:30am-1:30pm	Open Forum and Raising of Issues to be Addressed by Proponent/Consultant	Hearing Officer
1:30pm-1:45pm	Summary of Issues and Agreements, Next Steps /Way Forward	EMB-CO Representative
1:45pm-1:50pm	Closing Remarks	Diosdado A. Rosales <i>Regional Manager, NIA Regional Office No. 12</i>

ANNEX B

NOTICE OF PUBLIC HEARING PUBLISHED ON THE MANILA TIMES


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Department of Environment and Natural Resources
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ENVIRONMENTAL IMPACT STATEMENT (EIS)
THE PROPOSED TULUNAN SMALL
VOIR IRRIGATION PROJECT OF THE
JAL IRRIGATION ADMINISTRATION -
ATO IRRIGATION MANAGEMENT OFFICE
MO) TO BE LOCATED IN BARANGAY
LA, MUNICIPALITY OF TULUNAN,
ATO

published in **The Manila Times** newspaper in
days of **MARCH 19 & 26, 2024**

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nes, this 26 MAR 2021 day of _____, 2024

EDÉN F. DEL ROSARIO
Affiant

Subscribed and sworn to before me this _____ day of _____, 2024 in Manila, Philippines, affiant _____
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Regions

TUESDAY March 26, 2024 | A7

Iloilo City declares pertussis outbreak

BY RJAY ZURIAGA CASTOR

ILOILO CITY: The local government unit (LGU) here has declared an outbreak of pertussis or whooping cough for the entire city on Monday.

The City Disaster Risk Reduction and Management Council declared the outbreak following recommendations from the city government's Health and Sanitation Cluster and the City Health Office (CHO).

The city government initially limited its recommendation to Iloilo and Molo districts but this was later modified after Arevalo district logged a confirmed case of pertussis. According to the CHO, there are seven confirmed cases of pertussis

out of the 13 reported cases as of March 24.

Three of the six remaining cases have pending laboratory results. Three cases of pertussis have been documented in Iloilo district, three in Molo district and one in Arevalo district.

The CHO data showed that six of the confirmed cases are ages 1 to 3 months old and the other a 6-year-old.

Also on Monday, Mayor Jerry Treñas approved the recommendation of the city council to declare a

state of calamity due to pertussis.

"After the declaration, we have an amount of P16 million for our response. A big portion of it will go to medicines and vaccines. If necessary, we will add more funds so we can buy more," Treñas said.

Dr. Roland Jay Fornia, assistant department head of the CHO, said they are intensifying treatment to asymptomatic children who had close contacts with the infected patients by giving antibacterial prophylaxis.

He added that the CHO is also enhancing efforts for post-exposure

vaccination for unimmunized or incompletely immunized children under 10 years old to curb the spread of the infection.

Fortuna said the city government currently has 525 vials of diphtheria and tetanus toxoids, which can provide protection against three bacterial infections: diphtheria, tetanus and pertussis.

"Our routine immunization is ongoing. We have available vaccines, and for those who have missed immunizations, we are encouraging parents to immunize their children," he said.

Iloilo City is the first LGU in Western Visayas to declare an outbreak and the second in the entire country after Quezon City, which has declared a whooping cough outbreak on March 21.

Pertussis is a highly contagious respiratory infection transmitted through droplets from infected to susceptible individuals, such as infants and young children. Initial symptoms of the disease mimic those of a common cold, including runny nose, fever, and mild cough.

Bong Go champions gender equality

SEN. Christopher "Bong" Go said the importance of women in society cannot be overstated as he championed gender equality at the recent Lady Local Legislators League summit in Iloilo City.

The senator was the keynote speaker at the Lady Local Legislators League of the Philippines National Summit on March 22 in Iloilo City through the invitation office Gov. Christine Gairin.

Go said the event brought together influential women legislators and served as a platform for dialogue on women's critical roles in steering the country toward progress, inclusivity, and good governance.

Go said that "women across the nation also embody sacrifice and resilience, whether in nurturing families or leading their communities in various capacities."

He said that from the boardroom to the classroom, from the halls of government to the corridors of our homes, women play indispensable roles that drive progress and shape the future.

"They are the pillars of our communities, the nurturers of our children, and the architects of change. Therefore, advancing gender equality is not just a moral imperative but an economic and social necessity," he added.

Let us commit ourselves to the cause of gender equality and economic empowerment. Together, let us build a future where every woman and girl has the opportunity to thrive, contribute and lead," he said.

The senator also urged fellow legislators and the public to work together in creating a more inclusive and equitable society.

Each of you is a stakeholder in your own right, blazing trails, breaking barriers and inspiring positive change in your respective communities. Your dedication, resilience and passion exemplify the spirit of leadership that propels our nation forward," he said.

He reaffirmed his commitment to support the women sector. He said that one of his legislative milestones is Republic Act (RA) 11861 which amended the Solo Parents' Welfare Act of 2000.

This amendment marks a significant step forward in providing additional benefits to solo parents, predominantly women, who courageously navigate the challenges of single parenthood," said Go, one of the authors of RA 11861.

He also underscored the importance of public service, health care improvements, and sound legislative action to uplift the lives of the less privileged.

BERNADETTE E. TAMAYO

PANGASINAN READY FOR HOLY WEEK TOURISTS

LINGAYEN, Pangasinan: With the expected influx of tourists to Pangasinan this Holy Week break, the Pangasinan Police Office will be deploying at least 2,500 personnel all over

the province for added security, provincial police director Col. Jeff Fanged said.

In an interview over the weekend, Fanged said roads, beaches, and

other tourist destinations in the province will have policemen to keep law and order and ensure the safety of everyone.

"Our preparation this year is based on our experience last year. So there will be policemen along the highways going to western Pangasinan, as well as in the beaches from the town of San Fabian in the north-central part of the province, to Infanta in the west," Fanged said.

He said his team has identified possible choke points along the highway to western Pangasinan and had requested the Department of Public Works and Highways (DPWH) to open the one-way lanes due to ongoing repair works along the highway.

Tourists usually begin travelling to western Pangasinan on Holy Wednesday, slowing traffic flow and creating a long queue of vehicles from the town of Labrador.

"The situation is the same when they travel back to Manila at the end of the Holy Week," said Fanged. Popular tourist attractions are the beaches in the towns of Infanta, Dasol, Burgos, Mabini, Agno, Bolinao, Anda, and Bani, and the Hundred Islands National Park in Alaminos City.

Fanged said that tourist policemen and personnel from the local disaster risk reduction and management (DRRM) office will also be on the beaches to give aid during drowning incidents.

"We have already coordinated with the different DRRMs. Also, all private resorts should have life guards," Fanged said.

He said that last year, there were eight drowning incidents in pri-

rate resorts because they had no lifeguards.

"And if the tourist swims and he or she is drunk, and there is no lifeguard on duty, he or she would just be discovered dead the following day," Fanged said. He also said policemen will be posted near Catholic churches to ensure the safety of those going on a "visita iglesia" where devotees visit seven to nine churches.

Manaoag town Mayor Jeremy Aguirre Rosario said the town government is ready for the influx of pilgrims to the Minor Basilica of Our Lady of the Rosary of Manaoag, the number one tourist destination in the province during this Holy Week.

"It's green and go. We are ready for the Holy Week," Rosario said.

He said traditionally, the church and the spaces surrounding it are filled with people from Maundy Thursday to Easter Sunday.

"Aside from policemen, we will deploy our force multipliers and our DRRMs and traffic enforcers," Rosario said.

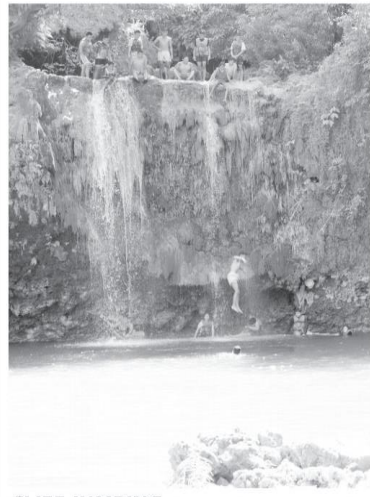
He said command posts in front and at the back of the church will be set up.

Fanged said more policemen will also be deployed along the Villa Verde Trail leading to the mountain village of Malico.

Tourists, especially motorcycle riders, had been swarming the mountain village because of its cool climate and scenic views.

Fanged said he had talked to the Nueva Vizcaya provincial director for a joint effort to maintain peace and order in the place.

GABRIEL CARDINOZA



CLIFF JUMPING A favorite tourist destination in Pangasinan during the Holy Week break are the three Bolinao Falls at Barangay Samang Norte in the town of Bolinao. Here in Bolinao Falls 1, thrill-seekers can jump or dive from 20 feet up into the 10-foot deep pool below. CONTRIBUTED PHOTO

P2.7-M shabu seized in Bulacan

GEN. CEN. ALEJO SANTOS, City of Bulacan: An estimated P2,771,000 worth of illegal drugs were seized and eight drug personalities were arrested in separate operations in Meycauayan, Balagtas and San Jose del Monte in Bulacan on Sunday, March 24.

Based on reports submitted to Col. Rolly Amedeo, provincial director of Bulacan Police Provincial Office (PPO), Lalaine Dionisio, 30, of Barangay Malibacan, and Cherry Pie Ibo, 29, of Barangay Calvario, both of Meycauayan, were arrested in a buy-bust in Sitio Sampalukan, Barangay Calvario.

Dionisio has been tagged as the "drug queen" of Meycauayan, Amedeo said.

Arresting operatives of Meycauayan City Police Station confiscated from the two suspects six sachets of suspected shabu with an estimated weight of 402 grams and a standard drug price of P27,733,600.

Amedeo said that six more drug offenders were nabbed in separate drug operations by the Station Drug Enforcement Unit of Balagtas and San Jose del Monte.

Sixteen small sachets of suspected shabu valued at P37,400 and marked money were seized by the police from the two operations.

FREDERICK SILVERIO

Lacson backs Matabang water project

BACOLOD CITY: Gov. Eugenio Jose Lacson of Negros Occidental backed the proposal for the Bacolod city government to tap the Matabang River in Talisay City to address its need for more water source.

"Bacolod is in a water crisis, hence, they would need immediate solutions," Lacson told The Manila Times.

He said that the Bacolod City Water District (Bacwa) "needs a lot of water in the future, as well as in the present."

The governor gave assurances that the plan "will not have any adverse effect on our Bulk Water Project."

"The provincial bulk water project is a long-term solution for Bacolod's water problems," he pointed out.

Bacolod Mayor Alfredo Abelardo "Albee" Benitez said that a private

group has expressed interest in constructing the Matabang River water supply and filtration facility that is expected to draw 20 million liters per day of water to be delivered to Bacwa.

"We are waiting for them to submit their letter of intent," Benitez said.

The mayor said the project by the city government will fast-track the delivery of water and meet the demand of water consumers.

The Matabang River project will be financed by the city's disaster risk reduction management office.

The P1.2-billion Negros Occidental Bulk Water Supply Project (NBWSP) will be implemented through a public-private partnership.

The NBWSP involves the financing, engineering design, construction, operation, and maintenance of a bulk water supply system with a minimum capacity of 34.5 million liters per day to be sourced from Imbang River and Malago River.

The project expects to supply treated bulk water to six water service providers — Bacolod City Water District, Silay City Water District, Talisay City Water District, Victoria City Water District, Mananipa Water District, and the local government unit of El Maglana.

Its implementation is through a contractual joint venture with the provincial government for 38 years, including a construction period of three years.

Lacson said 11 companies have signed intentions to bid for the bulk water supply project. The bidding is scheduled in June 2024.

EUGENE ADIONG

DA declares Sultan Kudarat bird flu-free

THE Department of Agriculture (DA) has cleared the province of Sultan Kudarat from avian influenza or bird flu.

In a memorandum circular dated on March 22, 2024, Agriculture Secretary Francisco Tiu Laurel Jr. said that 90 days have passed since the end of disinfection operations and surveillance which yielded negative bird flu results in the province.

"Continued disease monitoring and surveillance in the 1-km and 7-km surveillance zones surrounding the affected farms yielded negative test results for influenza type A virus," Laurel said in the memo.

Sultan Kudarat had recorded 22 confirmed cases of the highly pathogenic avian influenza, particularly the H5N1 subtype, the DA said.

Cases were confirmed through laboratory testing using RT-PCR and were detected affecting duck, native chicken, chicken layer, turkey, guinea fowl, and goose.

Affected areas include the city of Tacurong and the municipalities of Isulan, Letok, Lutayan, and President Quirino from March 2022 to February 2023.

Upon detection of the disease, the concerned city and municipal government conducted disease investigation, immediate depopulation, cleaning and disinfection in

the affected premises.

The protective measure was done in coordination with the provincial government of Sultan Kudarat, DA Regional Field Office 12, and the Bureau of Animal Industry.

In November last year, the Agriculture department allowed the commercial use of bird flu vaccine following the release of guideline for vaccination.

However, the DA said that "vaccination does not guarantee absolute protection from the virus, thus, all facilities are strongly encouraged to practice biosecurity measures to the highest level possible."

JANINE ALEXIS MIGUE

Department of Environment and Natural Resources
ENVIRONMENTAL MANAGEMENT BUREAU
1680 Alabang Road, Alabang, Muntinlupa City 1550
Tel. No. 8800-0707, 8800-0708, 8800-0709, 8800-0710
Email: emb@denr.gov.ph, emb@denr.gov.ph

NOTICE OF PUBLIC HEARING

On the ENVIRONMENTAL IMPACT STATEMENT (EIS) of the proposed TULUNAN SMALL RESERVOIR IRRIGATION PROJECT of the NATIONAL IRRIGATION ADMINISTRATION - COTABATO IRRIGATION MANAGEMENT OFFICE (NIA-CIMO) to be located in BARANGAY MAYBAY, MUNICIPALITY OF TULUNAN, COTABATO.

Notice is hereby given to all persons who wish to give their opinion regarding the implementation of the proposed TULUNAN SMALL RESERVOIR IRRIGATION PROJECT to attend the Public Hearing on:

Date	Time	Venue
04 April 2024 (Thursday)	9:00 AM	Command Center, Barangay Maybay, Tulunan, Cotabato

The Public Hearing is being conducted in connection with the review of the EIS of the aforementioned project by the Environmental Management Bureau (EMB) of the Department of Environment and Natural Resources (DENR).

The following is the project information:

Project Name	Tulunan Small Reservoir Irrigation Project
Project Location	Barangay Maybay, Municipality of Tulunan, Cotabato
Project Type	Dam and Irrigation Project
Project Area	Reservoir foundation area: 95.4 hectares
Project Capacity	Storage Capacity: 8,313.11 M3
Project Rationale	The Tulunan SRIP is one of the projects proposed in the agriculture development plan which aims to irrigate an additional 900 hectares of lands during dry season and 180 hectares during wet season in eight (8) barangays of Tulunan, Cotabato. Due to the project's water impounding capacity, the proposed Tulunan SRIP is also expected to augment the existing 173 hectares of rice lands currently serviced by the Irrigation C2 and C2A canals covered by the Damasko Dam Beneficiary CIE. This will help increase the area's irrigation development output to help alleviate food insecurity and improve the agricultural productivity and income of beneficiary farmers in the area. The project implementation will also generate livelihood and job opportunities for local communities, thus, contributes to economic growth in the municipality of Tulunan.
Project Components	The project will be composed of four major components: Component 1: Construction of a 34-meter zoned earth-fill dam and equipment structures. Component 2: Reservoir with total storage capacity of 8,313 MCM and area of 95.4 hectares. Component 3: Construction of new irrigation and drainage facilities with length of 14.8 km of main canal and 13 km of lateral canals, and Component 4: Construction of new access road going to Sitio Maybay and New Buntuan with length of 2.35 km and 0.45 km.
Proponent	National Irrigation Administration - Cotabato Irrigation Management Office

All interested parties who wish to attend or participate in these Public Hearings should preferably confirm their attendance/participation and may give their comments in a concise position paper to the ENVIRONMENTAL IMPACT AND MANAGEMENT DIVISION (EIMD) of this Office through mail or email at emb@denr.gov.ph at least three (3) days before the Public Hearing schedule. Those who will not be able to register or submit written positions may be given the opportunity to share their issues on the day of the hearing itself.

The project's EIS and Executive Summary for the Public are downloadable at www.emb.gov.ph (broadly access the Project of Public Hearing/Consultation link round on our website) while copies will be available in the following offices:

- NIA Region III
Prime National Government Center, 12, Rizwood City, 9506 South Cotabato
- Barangay Hall of Barangay Maybay, Tulunan, Cotabato
For more details, please contact the EIMD Division at this Office at telephone number: (09) 8529-4374 to 116 through the project case handlers: Engr. George Silvestre and Engr. Ann Richard Garmago

MT - Mar. 19 & 26, 2024

Notice of Public Hearing published on March 26, 2024


ANNEX C

NOTICE OF PUBLIC HEARING POSTED AT EMB – CENTRAL OFFICE WEBSITE AND SOCIAL MEDIA PAGES

← → ↻ eia.emb.gov.ph/?page_id=72 ☆ 📄 ⓘ ⌂ ⌂ Relaunch to update ⋮

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 **ENVIRONMENTAL MANAGEMENT BUREAU**
ENVIRONMENTAL IMPACT ASSESSMENT AND MANAGEMENT DIVISION

Notice of Public Hearing

ECC Requirement ▾ Registry of EIA Practitioners ▾ Newly Registered Review Committee (from Academe) ▾ Template MOA | Template MOO ▾ Updated List of ECPs with ECCs

YOU ARE HERE: [NOTICE OF PUBLIC HEARING/CON...](#) NOTICE OF PUBLIC HEARING

Posted on Wednesday, 13 March 2024

Proposed Project: Tulunan Small Reservoir Irrigation Project

Proponent Name: National Irrigation Administration – Cotabato Irrigation Management Office (NIA-CIMO)

Project Location: Barangay Maybula, Municipality of Tulunan, Cotabato

Date	Time	Venue
04 April 2024, Thursday	9:00 AM (Registration starts at 8:30 AM)	Covered Court, Brgy. Maybula, Tulunan, Cotabato

»» [Notice of Public Hearing](#), [EIS Report](#), [Annex](#), [ESP in English](#), [ESP in Filipino](#), [ESP in Cebuano](#),

Notice of Public Hearing Posted at DENR-EMB-Central Office Website on March 13, 2024

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Notice of Public Hearing

On the ENVIRONMENTAL IMPACT STATEMENT (EIS) of the proposed TULUNAN SMALL RESERVOIR IRRIGATION PROJECT of the NATIONAL IRRIGATION ADMINISTRATION – COTABATO IRRIGATION MANAGEMENT OFFICE (NIA-CIMO) to be located in BARANGAY MAYBULA, MUNICIPALITY OF TULUNAN, COTABATO.

https://eia.emb.gov.ph/?page_id=72



Department of Environment and Natural Resources
ENVIRONMENTAL MANAGEMENT BUREAU
DENR Compound, Visayas Avenue, Diliman, Quezon City 1116
Tel. No. (02) 2227-1517, 528-2725, Fax No. (02) 2228-2258
Website: www.emb.gov.ph Email: records@emb.gov.ph

Interested parties who wish to attend or participate in these Public Hearings should preferably confer with the EIA Division of the ENVIRONMENTAL MANAGEMENT BUREAU (EMB) of the Department of Environment and Natural Resources (DENR) at least three (3) days before the Public Hearing schedule. Those who will not be able to attend or submit written positions may be given the opportunity to share their issues on the day of the Public Hearing.

Project's EIS and Executive Summary for the Public are downloadable at our website: www.eia.emb.gov.ph while copies will be available at the following offices:

EMB Region XII
 Prime Regional Government Center 12, Koronadal City, 9506 South Cotabato

Barangay Hall of Barangay Maybula, Tulunan, Cotabato

For more details, please contact the EIAM Division at this Office at telephone number (02) 8539-4378 or the project case handlers **Engr. George Silvederio** and **Engr. Jes Roland Cammayo**.

NOTICE OF PUBLIC HEARING

ENVIRONMENTAL IMPACT STATEMENT (EIS) of the proposed TULUNAN SMALL RESERVOIR IRRIGATION PROJECT of the NATIONAL IRRIGATION ADMINISTRATION – COTABATO IRRIGATION MANAGEMENT OFFICE (NIA-CIMO) to be located in BARANGAY MAYBULA, MUNICIPALITY OF TULUNAN, COTABATO.

is hereby given to all parties who wish to give their opinion regarding the implementation of the TULUNAN SMALL RESERVOIR IRRIGATION PROJECT to attend the Public Hearing on:

Date	Time	Venue
04 April 2024 (Thursday)	9:00 AM <i>Registration starts at 8:30a.m.</i>	Covered Court, Barangay Maybula, Tulunan Cotabato

The Public Hearing is being conducted in connection with the review of the EIS of the aforementioned project by the Environmental Management Bureau (EMB) of the Department of Environment and Natural Resources (DENR).

Following is the project information:

Project Name	Tulunan Small Reservoir Irrigation Project
Project Location	Barangay Maybula, Municipality of Tulunan, Cotabato
Project Type	Dam and Irrigation Project
Project Area	Reservoir Inundation Area: 96.4 hectares
Project Capacity	Storage Capacity: 8.919 MCM
Project Rationale	The Tulunan SRIP is one of the priority projects listed in the agricultural development plan which aims to irrigate an additional 906 hectares of farmlands during dry season and 850 hectares during wet season in eight (8) barangays of Tulunan, Cotabato. Due to the project's water impounding capability, the proposed Tulunan SRIP is also expected to augment the existing 179 hectares of rice lands currently serviced by the Minapan CIS and 734 hectares covered by the Damawato-Bual Bayanalan CIS. This will help increase the agency's irrigation development output to help attain national rice sufficiency and improve the agricultural productivity and income of beneficiary farmers in the area. The project implementation will also generate livelihood and job opportunities for host communities, thus, increasing the economic activity in the municipality of Tulunan.
Project Components	The project will be composed of four major components: Component 1: Construction of a 34-meter zoned earth-fill dam and appurtenant structures; Component 2: Reservoir with total storage capacity of 8.919 MCM and area of 96.4 hectare; Component 3: Construction of new irrigation and drainage facilities with length of 14.8 km of main canal and 4.13 km of lateral canals; and Component 4: Construction of new access road going to Sitio Malipayon and New Bunawan with lengths of 2.33 km and 0.48 km.
Proponent	National Irrigation Administration – Cotabato Irrigation Management Office

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13

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Notice of Public Hearing Posted at EMB-Central Office Facebook Page on March 19, 2024



Cotabato Imo

March 27 at 11:52 AM · 🌐

NOTICE OF PUBLIC HEARING !

The NIA - Cotabato Irrigation Management Office invites all parties who wish to give their opinion regarding the implementation of the proposed Tulunan SRIP to attend the Public Hearing for the project to be held on April 4, 2024, 8:30 am, at Brgy. Maybula Covered Court, Tulunan Cotabato.

Kindly click the link below for the downloadable files of EIS Summary.

<https://drive.google...> See more



Republic of the Philippines
DEPARTMENT OF AGRICULTURE
NATIONAL IRRIGATION ADMINISTRATION - REGION XII
COTABATO IRRIGATION MANAGEMENT OFFICE

NOTICE OF PUBLIC HEARING

**ON THE ENVIRONMENTAL IMPACT STATEMENT (EIS)
OF THE PROPOSED TULUNAN SMALL RESERVOIR PROJECT
OF THE NATIONAL IRRIGATION ADMINISTRATION
COTABATO IRRIGATION MANAGEMENT OFFICE (NIA-CIMO)
TO BE LOCATED IN BARANGAY MAYBULA,
MUNICIPALITY OF TULUNAN, COTABATO**

**NOTICE IS HEREBY GIVEN TO ALL PARTIES WHO
WISH TO GIVE THEIR OPINION REGARDING THE
IMPLEMENTATION OF THE PROPOSED
TULUNAN SMALL RESERVOIR IRRIGATION PROJECT
TO ATTEND THE PUBLIC HEARING ON:**

DATE: APRIL 4, 2024 (THURSDAY)

TIME: 9:00 AM

Registration starts at 8:30 am

**VENUE: COVERED COURT, BRGY. MAYBULA,
TULUNAN, COTABATO**



region12.nia.gov.ph



r12.northcotabato-imo@nia.gov.ph



(064) 572-6150



NIA.Region12

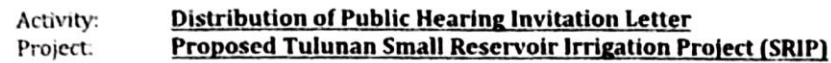
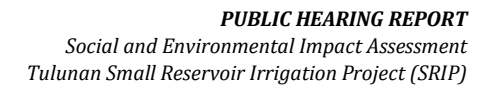
ANNEX D

PROOF OF RECEIPT OF INVITATION FOR PUBLIC HEARING



Activity: **Distribution of Public Hearing Invitation Letter**
Project: **Proposed Tulunan Small Reservoir Irrigation Project (SRIP)**

Name	Company/Agency/LGU /Barangay	Position	Contact Number	Email Address	Date	Signature
Manny Suly Paginto	LGU Tulunan	COS	09744674135		04/01/24	
Mazelle Tabingo	BLGU Sibib	BRK	09109091156		04/01/24	
Dela Vera Jr.	BLGU Kanbary	Captain	0935 934 342		04/01/24	
ANTONIO A. RODRIGO	BLGU MAYBULA	KAPT.	09291030884		04/01/24	
Christine Marie P. Obrique	BLGU BINAWAN	SEC.	09780285454		04/01/24	
CLEN NIFEK H. BUENATE	DEPED MAYBULA ES	SCHOOL Head	09508256568		04/01/24	
SONORDEL GRACE L. ASUMIO	DEPED MAYBULA ES	ADMIN OFFICER II	09360822337		04/01/24	
Joylen A. Guinero	BLGU Binawan	BLGU Treas	09075254779		04/01/24	
KEO FERRELL T. JUMIDAN	BLGU PUAL	KAGAWAD	091089696774		04/01/24	
GAIPADA M. SANTIGAN			09753875662			
EMERIE C. TACANLOT	BLGU - DAMAWAD	TREAS	09501087709		04/01/2024	
MICKY I. ESCOLAR	BLGU - POPOYON	SECRETARY	09362400230		04/01/2024	
ROSEN R. CACI	PGS - ADINA	ASST	0919621136		04/01/2024	
MARGIE O. YAP	DPAW - 2ND DEO	ADMIN ASST II	09534096370		04/01/2024	
MERIDIE GUMBILA	DEAN - PANDO CO.	ADA II	0641-577-1412	remokidapawan@dm.gov.ph	4/1/2024	
INT. REP. CARIPOR	DEPED MAYBULA	ASST	0936 100 0153		04/01/2024	

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Department of Environment and Natural Resources
ENVIRONMENTAL MANAGEMENT BUREAU
DENR - Unimposed, Vitoria Avenue, Diliman, Quezon City 1146
Website: www.emb.gov.ph Email: records@emb.gov.ph
Tel Nos. (632) 8539-4378



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Dir. Usop D. Pendaliday, Jr.
Regional Director
Bureau of Fisheries and Aquatic Resources (BFAR) – Region 12
Prime Regional Center, Carpenter Hill, Koronadal City
upendaliday@bfar.da.gov.ph
(083) 552-9440/ (083) 552-1328

March 25, 2024

**Subject: Public Hearing of the Proposed Tulunan Small Reservoir Irrigation Project
of National Irrigation Administration – Cotabato Irrigation Management Office**

Dear Dir. Pendaliday Jr.:

We are pleased to invite you or your representatives to attend the **Public Hearing of the Proposed Tulunan Small Reservoir Irrigation Project of National Irrigation Administration – Cotabato Irrigation Management Office**. The said hearing is scheduled on:

Date	Time	Venue
04 April 2024 (Thursday)	9:00 AM Registration starts at 8:30am	Covered Court, Barangay Maybula, Tulunan, Cotabato

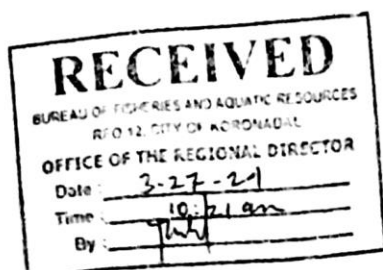
The Public Hearing will be conducted as part of the requirements of the proponent's application for an Environmental Compliance Certificate. Interested parties will be given the opportunity to express freely their concerns/support/opposition/questions about the project.

Kindly register or submit a concise position paper to this Office via email at cia@emb.gov.ph, three (3) days before the scheduled Public Hearing. Those who are unable to register online or submit position papers may still join the discussion on the day of the hearing.

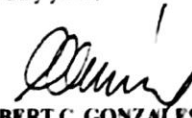
Attached herewith is the project's Executive Summary for the Public (ESP) for your reference. The project's Environmental Impact Statement is downloadable at our website www.cia.emb.gov.ph. Kindly access the Notice of Public Hearing/ Consultation link found in our web page). The copies of the ESP and EIS are available at the following offices:

- **EMB Region XII**
Prime Regional Government Center 12, Koronadal City, 9506 South Cotabato
- **Barangay Hall of Barangay Maybula, Tulunan, Cotabato**

For more details, please contact the EIAM Division at this Office at telephone numbers (02) 8539 4378 local 116 and look for the project case handlers **Engr. George Silvederio** and **Engr. Jes Roland Cammayo**.



Very truly yours,


GILBERT C. GONZALES, CESO III
Director and concurrent
Assistant Secretary for Field Operations





Department of Environment and Natural Resources
ENVIRONMENTAL MANAGEMENT BUREAU
DEB (reorganized) Wilshire Avenue, Newman, Queensland 4116
Website: www.emb.gov.au Email: records@emb.gov.au
Tel: (08) 8339 8639 Fax: (08) 8339 4378



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May 2015-2018



March 25, 2024

Hon. April P. Palomo
Barangay Captain
Brgy. Bual LGU
Bual Barangay Hall, Tulunan, Cotabato
(09 10007903)

Subject: Public Hearing of the Proposed Tulunan Small Reservoir Irrigation Project of National Irrigation Administration – Cotabato Irrigation Management Office

Dear Hon. Palomo:

We are pleased to invite you and your constituents to attend the **Public Hearing of the Proposed Tullan Small Reservoir Irrigation Project of National Irrigation Administration – Cotabato Irrigation Management Office**. The said hearing is scheduled on:

Date	Time	Venue
04 April 2024 (Thursday)	9:00 AM <i>Registration starts at 8:30am</i>	Covered Court, Barangay Maybula, Tulunan, Cotabato

The Public Hearing will be conducted as part of the requirements of the proponent's application for an Environmental Compliance Certificate. Interested parties will be given the opportunity to express freely their concerns/support/opposition/questions about the project.

Kindly register or submit a concise position paper to this Office via email at cia@emb.gov.ph, three (3) days before the scheduled Public Hearing. Those who are unable to register online or submit position papers may still join the discussion on the day of the hearing.

Attached herewith is the project's Executive Summary for the Public (ESP) for your reference. The project's Environmental Impact Statement is downloadable at our website www.cia.cmb.gov.ph. Kindly access the Notice of Public Hearing/ Consultation link found in our web page). The copies of the ESP and EIS are available at the following offices:

- **EMB Region XII**
Prime Regional Government Center 12, Koronadal City, 9506 South Cotabato
- **Barangay Hall of Barangay Maybula, Tulunan, Cotabato**

For more details, please contact the EIAM Division at this Office at telephone numbers (02) 8539 4378 local 116 and look for the project case handlers **Engr. George Silverderio** and **Engr. Jes Roland Cammayo**.

Very truly yours,

GILBERT C. GONZALES, CESO III
Director and concurrent
Assistant Secretary for Field Operations

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Department of Environment and Natural Resources
ENVIRONMENTAL MANAGEMENT BUREAU
(NERR) 1, J. P. Laurel Ave., Marikina City 1600
Website: www.emb.gov.ph Email: emb@emb.gov.ph
Tel No. (02) 8539 4378



March 25, 2024

Hon. John D. Gregorio
Barangay Captain
Brgy. New Bunawan LGU
New Bunawan Barangay Hall, Tulunan, Cotabato

**Subject: Public Hearing of the Proposed Tulunan Small Reservoir Irrigation Project
of National Irrigation Administration – Cotabato Irrigation Management Office**

Dear Hon. Gregorio:

We are pleased to invite you and your constituents to attend the **Public Hearing** of the **Proposed Tulunan Small Reservoir Irrigation Project of National Irrigation Administration – Cotabato Irrigation Management Office**. The said hearing is scheduled on:

Date	Time	Venue
04 April 2024 (Thursday)	9:00 AM Registration starts at 8:30am	Covered Court, Barangay Maybula, Tulunan, Cotabato

The Public Hearing will be conducted as part of the requirements of the proponent's application for an Environmental Compliance Certificate. Interested parties will be given the opportunity to express freely their concerns/support/opposition/questions about the project.


Kindly register or submit a concise position paper to this Office via email at cia@emb.gov.ph, three (3) days before the scheduled Public Hearing. Those who are unable to register online or submit position papers may still join the discussion on the day of the hearing.

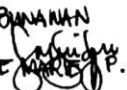
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- **EMB Region XII**
Prime Regional Government Center 12, Koronadal City, 9506 South Cotabato
- **Barangay Hall of Barangay Maybula, Tulunan, Cotabato**

For more details, please contact the EIAM Division at this Office at telephone numbers (02) 8539 4378 local 116 and look for the project case handlers **Engr. George Silvederio** and **Engr. Jes Roland Cammayo**.

Very truly yours,


GILBERT C. GONZALES, CESO III
Director and concurrent
Assistant Secretary for Field Operations

BRGY BUNAWAN

CHRISTINE MARIE P. OBRIQUE
04/01/2024





Department of Environment and Natural Resources
ENVIRONMENTAL MANAGEMENT BUREAU
DENR / Department Velayut Avenue, Diliman, Quezon City 1116
Web site: www.emb.gov.ph Email: records@emb.gov.ph
Tel Nos. (632) 8539-4378



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DENR



Hon. Rudy P. Pagdato
Barangay Captain
Brgy. Damawato LGU
Damawato, Barangay Hall, Tulunan, Cotabato
09074086276

March 25, 2024

**Subject: Public Hearing of the Proposed Tulunan Small Reservoir Irrigation Project
of National Irrigation Administration – Cotabato Irrigation Management Office**

Dear Hon. Pagdato:

We are pleased to invite you and your constituents to attend the **Public Hearing of the Proposed Tulunan Small Reservoir Irrigation Project of National Irrigation Administration – Cotabato Irrigation Management Office**. The said hearing is scheduled on:

Date	Time	Venue
04 April 2024 (Thursday)	9:00 AM Registration starts at 8:30am	Covered Court, Barangay Maybula, Tulunan, Cotabato

The Public Hearing will be conducted as part of the requirements of the proponent's application for an Environmental Compliance Certificate. Interested parties will be given the opportunity to express freely their concerns/support/opposition/questions about the project.


Kindly register or submit a concise position paper to this Office via email at cia@emb.gov.ph, three (3) days before the scheduled Public Hearing. Those who are unable to register online or submit position papers may still join the discussion on the day of the hearing.

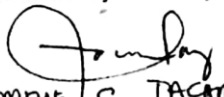
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Prime Regional Government Center 12, Koronadal City, 9506 South Cotabato
- **Barangay Hall of Barangay Maybula, Tulunan, Cotabato**

For more details, please contact the EIAM Division at this Office at telephone numbers (02) 8539 4378 local 116 and look for the project case handlers **Engr. George Silvederio** and **Engr. Jes Roland Cammayo**.

Very truly yours,


GILBERT C. GONZALES, CESO III
Director and concurrent
Assistant Secretary for Field Operations


EMENE C. TACAM
Roller - TREASURER
04-01-2024

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ENVIRONMENTAL MANAGEMENT BUREAU
DENR Compound, Vitoayas Avenue, Diliman, Quezon City 1155
Website: www.emb.gov.ph Email: records@emb.gov.ph
Tel. Nos. (852) 6539 4378



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March 25, 2024

Hon. Sindatuk A. Sali
Barangay Captain
Brgy. Galidan LGU
Galidan Barangay Hall, Tulunan, Cotabato
09265020075

**Subject: Public Hearing of the Proposed Tulunan Small Reservoir Irrigation Project
of National Irrigation Administration – Cotabato Irrigation Management Office**

Dear Hon. Sali:

We are pleased to invite you and your constituents to attend the **Public Hearing** of the **Proposed Tulunan Small Reservoir Irrigation Project of National Irrigation Administration – Cotabato Irrigation Management Office**. The said hearing is scheduled on:

Date	Time	Venue
04 April 2024 (Thursday)	9:00 AM Registration starts at 8:30am	Covered Court, Barangay Maybula, Tulunan, Cotabato

The Public Hearing will be conducted as part of the requirements of the proponent's application for an Environmental Compliance Certificate. Interested parties will be given the opportunity to express freely their concerns/support/opposition/questions about the project.


Kindly register or submit a concise position paper to this Office via email at cia@emb.gov.ph, three (3) days before the scheduled Public Hearing. Those who are unable to register online or submit position papers may still join the discussion on the day of the hearing.

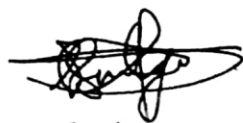
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Prime Regional Government Center 12, Koronadal City, 9506 South Cotabato
- **Barangay Hall of Barangay Maybula, Tulunan, Cotabato**

For more details, please contact the EIAM Division at this Office at telephone numbers (02) 8539 4378 local 116 and look for the project case handlers **Engr. George Silvederio** and **Engr. Jes Roland Cammayo**.

Very truly yours,


GILBERT C. GONZALES, CESO III
Director and concurrent
Assistant Secretary for Field Operations



SALIPADA M. SANDIGAN 04/01/2024





Department of Environment and Natural Resources
ENVIRONMENTAL MANAGEMENT BUREAU
DENR / compound Villages Avenue, Diliman, Quezon City 1155
Website: www.emb.gov.ph Email: emph@emb.gov.ph
Tel. Nos. (632) 8618-4378



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Hon. Jerry P. Della, Jr.
Barangay Captain
Brgy. Kanibong LGU
Kanibong Barangay Hall, Tulunan, Cotabato
09354365042

March 25, 2024

**Subject: Public Hearing of the Proposed Tulunan Small Reservoir Irrigation Project
of National Irrigation Administration – Cotabato Irrigation Management Office**

Dear Hon. Della Jr.:

We are pleased to invite you and your constituents to attend the **Public Hearing** of the **Proposed Tulunan Small Reservoir Irrigation Project of National Irrigation Administration – Cotabato Irrigation Management Office**. The said hearing is scheduled on:

Date	Time	Venue
04 April 2024 (Thursday)	9:00 AM Registration starts at 8:30am	Covered Court, Barangay Maybula, Tulunan, Cotabato

The Public Hearing will be conducted as part of the requirements of the proponent's application for an Environmental Compliance Certificate. Interested parties will be given the opportunity to express freely their concerns/support/opposition/questions about the project.


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For more details, please contact the EIAM Division at this Office at telephone numbers (02) 8539 4378 local 116 and look for the project case handlers **Engr. George Silvederio** and **Engr. Jes Roland Cammayo**.

Very truly yours,


GILBERT C. GONZALES, CESO III
Director and concurrent
Assistant Secretary for Field Operations

03/31/24
Hon. Jerry P. Della Jr.

Protect the environment... Protect life...





Department of Environment and Natural Resources
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DENR Compound, Vito Reyes Avenue, Diliman, Quezon City 1155
Website: www.emb.gov.ph Email: records@emb.gov.ph
Tel./Fax: (032) 8639-4378



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Hon. Antonio A. Benadaño
Barangay Captain
Brgy. Maybula LGU
Maybula Barangay Hall, Tulunan, Cotabato
09295030884

March 25, 2024

**Subject: Public Hearing of the Proposed Tulunan Small Reservoir Irrigation Project
of National Irrigation Administration – Cotabato Irrigation Management Office**

Dear Hon. Benadaño:

We are pleased to invite you and your constituents to attend the **Public Hearing of the Proposed Tulunan Small Reservoir Irrigation Project of National Irrigation Administration – Cotabato Irrigation Management Office**. The said hearing is scheduled on:

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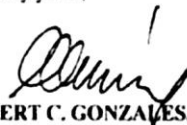
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For more details, please contact the EIAM Division at this Office at telephone numbers (02) 8539 4378 local 116 and look for the project case handlers **Engr. George Silvederio** and **Engr. Jes Roland Cammayo**.

Very truly yours,



GILBERT C. GONZALES, CESO III
Director and concurrent
Assistant Secretary for Field Operations

ANTONIO A. BENADAÑO
04-01-2024





Department of Environment and Natural Resources
ENVIRONMENTAL MANAGEMENT BUREAU
EMB - Department of Environment and Natural Resources
Website: www.emb.gov.ph Email: emb@emb.gov.ph
Tel No. (632) 8639 4379



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Hon. Joel P. Dullano
Barangay Captain
Brgy. Popoyon LGU
Popoyon, Barangay Hall, Tulunan, Cotabato

March 25, 2024

**Subject: Public Hearing of the Proposed Tulunan Small Reservoir Irrigation Project
of National Irrigation Administration – Cotabato Irrigation Management Office**

Dear **Hon. Dullano**:

We are pleased to invite you and your constituents to attend the **Public Hearing** of the **Proposed Tulunan Small Reservoir Irrigation Project of National Irrigation Administration – Cotabato Irrigation Management Office**. The said hearing is scheduled on:

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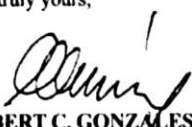
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For more details, please contact the EIAM Division at this Office at telephone numbers (02) 8539 4378 local 116 and look for the project case handlers **Engr. George Silvederio** and **Engr. Jes Roland Cammayo**.

Very truly yours,


MICKY L. ESCOLAN 04/01/2024
Brgy. SECRETARY


GILBERT C. GONZALES, CESO III
Director and concurrent
Assistant Secretary for Field Operations





Department of Environment and Natural Resources
ENVIRONMENTAL MANAGEMENT BUREAU
DENR Compound, Vayas Avenue, Diliman, Quezon City 1115
Website: www.emb.gov.ph Email: records@emb.gov.ph
Tel No. (632) 8639-4378



March 25, 2024

Hon. Jonathan J. Alacapa
Barangay Captain
Brgy. Minapan LGU
Minapan Barangay Hall, Tulunan, Cotabato

Subject: Public Hearing of the Proposed Tulunan Small Reservoir Irrigation Project of National Irrigation Administration – Cotabato Irrigation Management Office

Dear Hon. Alacapa:

We are pleased to invite you and your constituents to attend the **Public Hearing of the Proposed Tulunan Small Reservoir Irrigation Project of National Irrigation Administration – Cotabato Irrigation Management Office**. The said hearing is scheduled on:

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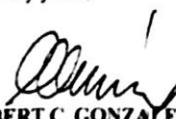
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Very truly yours,


GILBERT C. GONZALES, CESO III
Director and concurrent
Assistant Secretary for Field Operations

received by


Jonathan J. Alacapa

4/01/24

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(02) 8539-4379
www.emb.gov.ph



Hon. Lester L. Monteja
Barangay Captain
Brgy. Sibsb LGU
Sibsb, Barangay Hall, Tulunan, Cotabato

March 25, 2024

**Subject: Public Hearing of the Proposed Tulunan Small Reservoir Irrigation Project
of National Irrigation Administration - Cotabato Irrigation Management Office**

Dear Hon. Monteja:

We are pleased to invite you and your constituents to attend the **Public Hearing** of the **Proposed Tulunan Small Reservoir Irrigation Project of National Irrigation Administration - Cotabato Irrigation Management Office**. The said hearing is scheduled on:

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For more details, please contact the EIAM Division at this Office at telephone numbers (02) 8539 4378 local 116 and look for the project case handlers **Engr. George Silvederio** and **Engr. Jes Roland Cammayo**.

Very truly yours,


GILBERT C. GONZALES, CESO III
Director and concurrent
Assistant Secretary for Field Operations

Received by: Mazelle Tabingo 04-01-2024





Department of Environment and Natural Resources
ENVIRONMENTAL MANAGEMENT BUREAU
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Web site: www.emb.gov.ph E-mail: reservoir@emb.gov.ph
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Hon. Lester L. Monteja
Barangay Captain
Brgy. Sibsb LGU
Sibsb, Barangay Hall, Tulunan, Cotabato

March 25, 2024

**Subject: Public Hearing of the Proposed Tulunan Small Reservoir Irrigation Project
of National Irrigation Administration - Cotabato Irrigation Management Office**

Dear Hon. Monteja:

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Very truly yours,


GILBERT C. GONZALES, CESO III
Director and concurrent
Assistant Secretary for Field Operations

Received by: Mazelle Tabingo 04-01-2024





Department of Environment and Natural Resources
ENVIRONMENTAL MANAGEMENT BUREAU
11889 Compound, Vigan Avenue, Diliman, Quezon City 1100
Website: www.emb.gov.ph Email: records@emb.gov.ph
Tel./Fax: (632) 8629-4379



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Dr. Dennis B. Pascual
OIC Regional Executive Director
Department of Agriculture – R12
Prime Regional Center, Barangay Carpenter Hill, Koronadal City
ored@r12.da.gov.ph
(083) 228-3413

March 25, 2024

Subject: Public Hearing of the Proposed Tulunan Small Reservoir Irrigation Project of National Irrigation Administration – Cotabato Irrigation Management Office

Dear Dr. Pascual:

We are pleased to invite you or your representatives to attend the **Public Hearing** of the **Proposed Tulunan Small Reservoir Irrigation Project of National Irrigation Administration – Cotabato Irrigation Management Office**. The said hearing is scheduled on:

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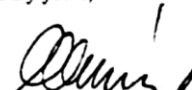
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Very truly yours,


GILBERT C. GONZALES, CESO III
Director and concurrent
Assistant Secretary for Field Operations





Department of Environment and Natural Resources
ENVIRONMENTAL MANAGEMENT BUREAU
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Tel. Nos. (02) 8539-4378



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Engr. De Eliseo L. Otoc

District Engineer

Department of Public Works and Highways (DPWH) Cotabato 2nd District Engineering Office

Lanao, Kidapawan City, Cotabato

otoc.eliseo@dpwh.gov.ph

(064) 288-1633/ (064) 278-3315

March 25, 2024

**Subject: Public Hearing of the Proposed Tulunan Small Reservoir Irrigation Project
of National Irrigation Administration – Cotabato Irrigation Management Office**

Dear Engr. Otoc:

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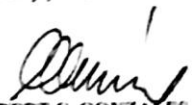
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Very truly yours,


GILBERT C. GONZALES, CESO III
Director and concurrent
Assistant Secretary for Field Operations





Department of Environment and Natural Resources
ENVIRONMENTAL MANAGEMENT BUREAU
DENR - Regional Office, Marikina Avenue, Marikina City 1900
Website: www.denr.gov.ph Email: region12@denr.gov.ph
Tel. No. (02) 8506-4378



Kaissar Broadcasting Network

March 25, 2024

President/CEO

Local Media

Tulunan, Cotabato

**Subject: Public Hearing of the Proposed Tulunan Small Reservoir Irrigation Project
of National Irrigation Administration - Cotabato Irrigation Management Office**

Dear Sir/Ma'am:

We are pleased to invite you or your representatives to attend the **Public Hearing** of the **Proposed Tulunan Small Reservoir Irrigation Project of National Irrigation Administration - Cotabato Irrigation Management Office**. The said hearing is scheduled on:

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Very truly yours,

GILBERT C. GONZALES, CESO III

Director and concurrent
Assistant Secretary for Field Operations

RECEIVED BY
MY MAIL
V. C. GONZALES

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DENR Compound, Vitoayas Avenue, Diliman, Quezon City 1116
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Tel.Nos. (632) 8539-4328



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March 25, 2024

Mrs. Fidelita D. Satorre
School Principal
Tulunan Elementary School
Maybula Elementary School, Tulunan, Cotabato
0965-450-9032

**Subject: Public Hearing of the Proposed Tulunan Small Reservoir Irrigation Project
of National Irrigation Administration – Cotabato Irrigation Management Office**

Dear Mrs. Satorre:

We are pleased to invite you or your representatives to attend the **Public Hearing** of the **Proposed Tulunan Small Reservoir Irrigation Project of National Irrigation Administration – Cotabato Irrigation Management Office**. The said hearing is scheduled on:

Date	Time	Venue
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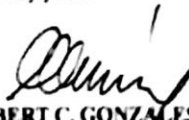
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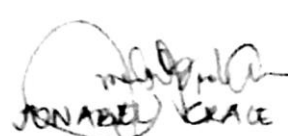
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- **Barangay Hall of Barangay Maybula, Tulunan, Cotabato**

For more details, please contact the FIAM Division at this Office at telephone numbers (02) 8539 4378 local 116 and look for the project case handlers Engr. George Silvederio and Engr. Jes Roland Cammayo.

Very truly yours,



GILBERT C. GONZALES, CESO III
Director and concurrent
Assistant Secretary for Field Operations

RECEIVED BY:  JONABEL GRACE L. ACUTID

04-01-2024

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March 25, 2024

PENRO Radzak B. Sinarimbo

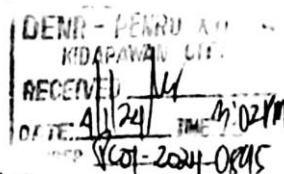
PENR Officer

Provincial Environment and Natural Resources Office (PENRO) – Cotabato Province

Quirino Drive, Kidapawan, Cotabato

penrokidapawan@denr.gov.ph

064-577-1412



Subject: Public Hearing of the Proposed Tulunan Small Reservoir Irrigation Project of National Irrigation Administration – Cotabato Irrigation Management Office

Dear PENRO Sinarimbo:

We are pleased to invite you or your representatives to attend the **Public Hearing of the Proposed Tulunan Small Reservoir Irrigation Project of National Irrigation Administration – Cotabato Irrigation Management Office**. The said hearing is scheduled on:

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Prime Regional Government Center 12, Koronadal City, 9506 South Cotabato
- **Barangay Hall of Barangay Maybula, Tulunan, Cotabato**

For more details, please contact the EIAM Division at this Office at telephone numbers (02) 8539 4378 local 116 and look for the project case handlers **Engr. George Silvederio** and **Engr. Jes Roland Cammayo**.

Very truly yours,

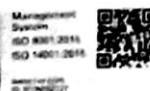
GILBERT C. GONZALES, CESO III

Director and concurrent
Assistant Secretary for Field Operations



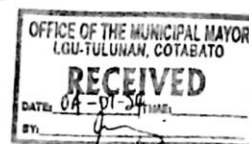


Department of Environment and Natural Resources
ENVIRONMENTAL MANAGEMENT BUREAU
DENR Compound, Vitas Avenue, Diliman, Quezon City 1116
Website: www.emb.gov.ph Email: records@denr.gov.ph
Tel.Nos. (632) 8639-4378



Hon. Reuel P. Limbungan
Municipal Mayor
Tulunan Municipal LGU
Municipal Hall Building, Jose Abad Santos St. Poblacion, Tulunan, Cotabato
lgutulunan1119@gmail.com
ronaldpadonog@gmail.com
09811271913

March 25, 2024



Subject: Public Hearing of the Proposed Tulunan Small Reservoir Irrigation Project of National Irrigation Administration – Cotabato Irrigation Management Office

Dear Hon. Limbungan:

We are pleased to invite you and your constituents to attend the **Public Hearing** of the **Proposed Tulunan Small Reservoir Irrigation Project of National Irrigation Administration – Cotabato Irrigation Management Office**. The said hearing is scheduled on:

Date	Time	Venue
04 April 2024 (Thursday)	9:00 AM Registration starts at 8:30am	Covered Court, Barangay Maybula, Tulunan, Cotabato

The Public Hearing will be conducted as part of the requirements of the proponent's application for an Environmental Compliance Certificate. Interested parties will be given the opportunity to express freely their concerns/support/opposition/questions about the project.

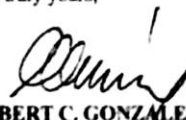
Kindly register or submit a concise position paper to this Office via email at cia@emb.gov.ph, three (3) days before the scheduled Public Hearing. Those who are unable to register online or submit position papers may still join the discussion on the day of the hearing.

Attached herewith is the project's Executive Summary for the Public (ESP) for your reference. The project's Environmental Impact Statement is downloadable at our website www.cia.emb.gov.ph. Kindly access the Notice of Public Hearing/ Consultation link found in our web page). The copies of the ESP and EIS are available at the following offices:

- **EMB Region XII**
Prime Regional Government Center 12, Koronadal City, 9506 South Cotabato
- **Barangay Hall of Barangay Maybula, Tulunan, Cotabato**

For more details, please contact the FIAM Division at this Office at telephone numbers (02) 8539 4378 local 116 and look for the project case handlers **Engr. George Silvederio** and **Engr. Jes Roland Cammayo**.

Very truly yours,

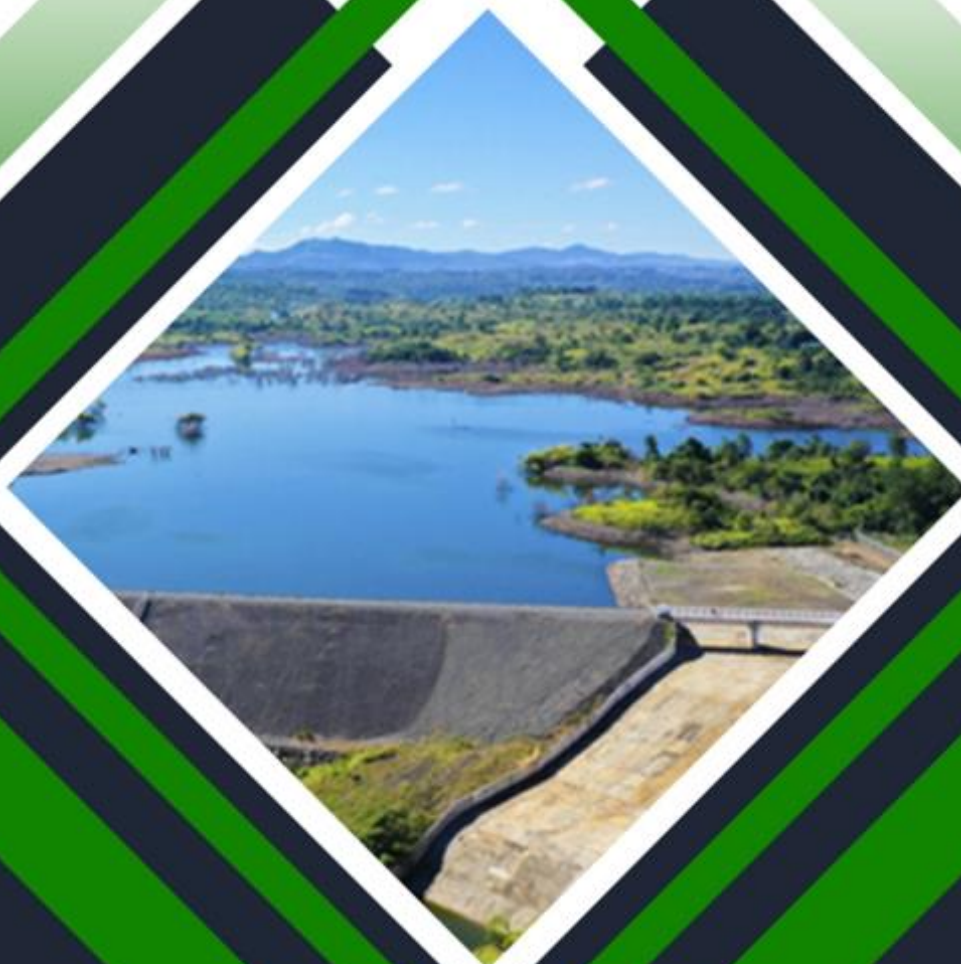


GILBERT C. GONZALES, CESO III
Director and concurrent
Assistant Secretary for Field Operations



ANNEX E

EIS SUMMARY FOR THE PUBLIC (English, Tagalog, and Cebuano versions)



Environmental Impact Statement (EIS) Summary for the Public

Tulunan Small Reservoir Irrigation Project (SRIP)
Brgy. Maybula, Tulunan Cotabato

1 PROJECT DESCRIPTION

1.1.1 Brief Description of the Project

The proposed Tulunan Small Reservoir Irrigation Project (SRIP) is a flagship irrigation system project of the National Irrigation Administration – Cotabato Irrigation Management Office (NIA-CIMO) which aims to irrigate an additional 900 hectares of farmlands in eight (8) barangays of Tulunan, Cotabato, and augment the existing 179 hectares and 734 hectares or rice lands currently serviced by the Minapan Communal Irrigation System (CIS) and Damawato-Bual Bayanihan CIS.

Table 1: List of Barangays Covered by the Project

Project Component	Covered Barangays
Dam Site	Maybula
Reservoir	Maybula, New Bunawan
Canal Network and Service Areas	Maybula, Kanibong, Minapan, Bual, Damawato, Sibsib, Popoyon, and Galidan.

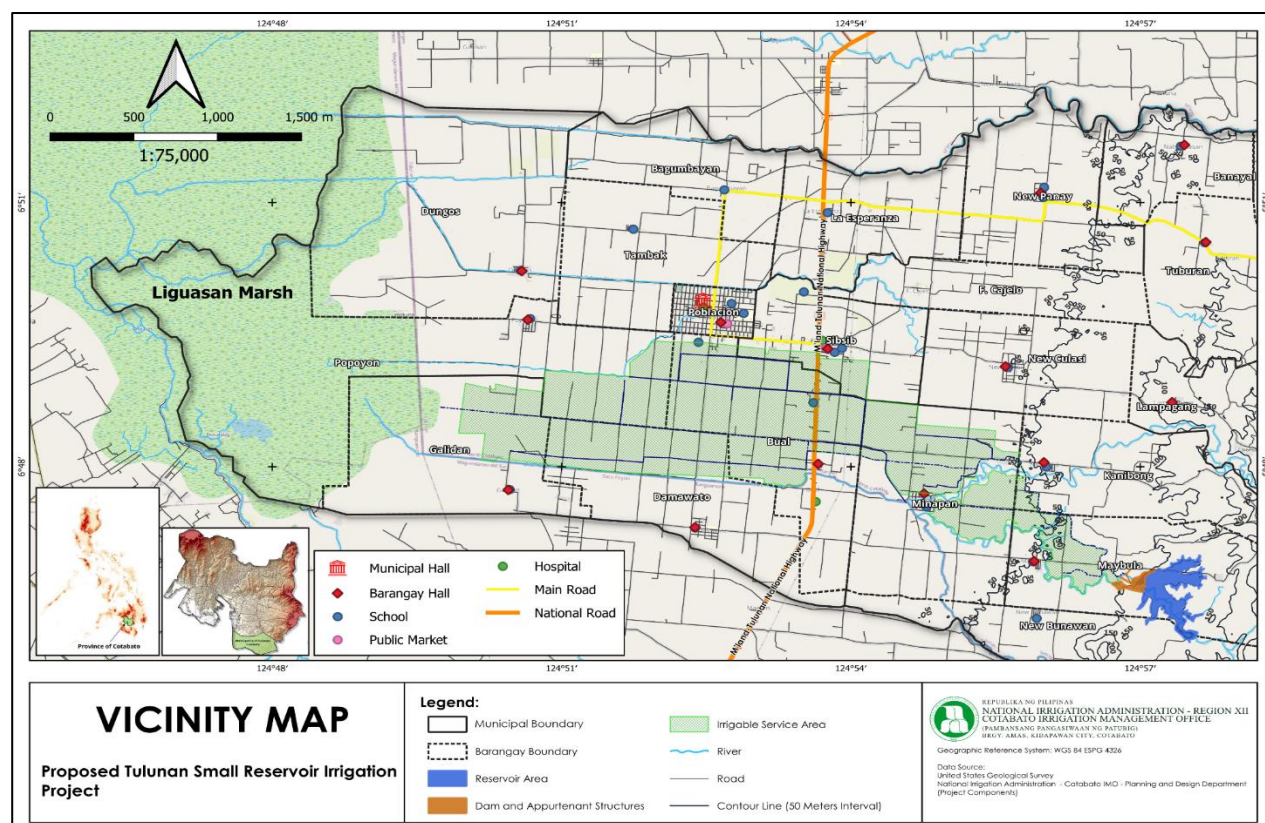


Figure 1: Vicinity Map of Proposed Tulunan SRIP

The project will be composed of four (4) major components, namely:

- Component 1:** Construction of a 34-meter zoned earth-fill dam and appurtenant structures.
- Component 2:** Reservoir with total storage capacity of 8.919 million cubic meters (MCM) and inundation area of 96.4 hectares.
- Component 3:** Construction of new irrigation and drainage facilities with length of 14.8 km of main canal and 4.13 km of lateral canals to irrigate farmlands in barangays of Maybula, Kanibong, Minapan, Bual, Damawato, Sibsib, Popoyon, and Galidan, all in the municipality of Tulunan.
- Component 4:** Construction of new access road going to Sitio Malipayon and New Bunawan with lengths of 2.33 km and 0.48 km, respectively.

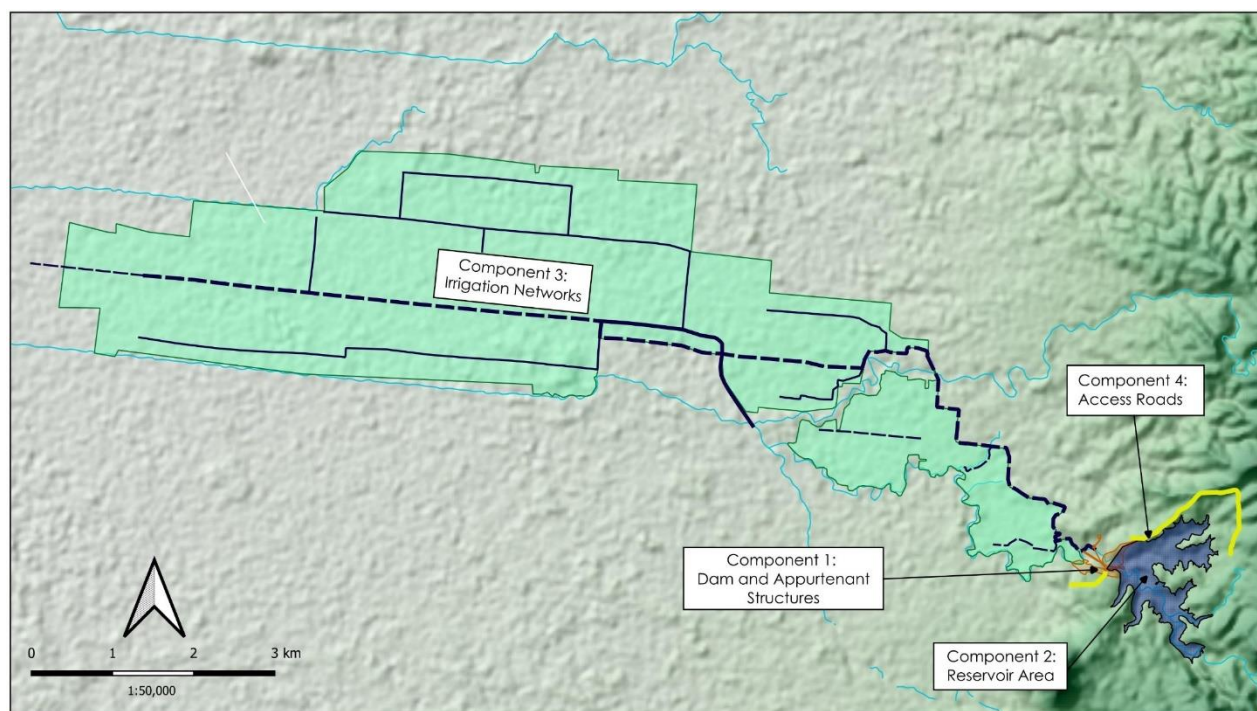


Figure 1: Project Components of Proposed Tulunan SRIP

1.1.2 Project Phases

The implementation of the project includes the following phases:

Pre-Construction Phase

- Pre-Feasibility and Feasibility Studies
- Environmental Impact Assessment and Acquisition of Environmental Compliance Certificate (ECC) for the Project
- Securing Various Permits and Clearances (i.e., Special Tree Cutting Permit, Project Endorsements, Clearances and Permits, etc.)
- Securing Certificate of Non-Overlap from the National Commission on Indigenous Peoples (NCIP);
- Conduct of Detailed Engineering Design (DED);
- Implementation of Land Acquisition and Resettlement Action Plan (LARP); and
- Pre-qualification, Tendering, and Awarding of Contract for the Construction of the Project.

Construction Phase

- Construction and Improvement of Canal Networks
- Construction of Contractor's Temporary Facilities
- Construction of Dam and Appurtenant Structures
 - Site Clearing
 - Diversion of River and Control of Water during Construction
 - Excavation and Foundation Preparation
 - Dam Embankment Construction
 - Construction of Appurtenant Structures and Support Facilities
- Filling of Reservoir and Testing of Dam Facilities

Operation and Maintenance Phase

- Operation and Maintenance of Dam Appurtenant Structures and Reservoir
- Operation and Maintenance of Irrigation Canal Networks
- Implementation of Watershed Management Plan (WMP) and Irrigation Water Resources Management Plans (IWRMP)



1.1.3 Project Alternatives and Resource Utilization

The project had undergone series of studies before the final design has been decided. The best location of the dam, type of the dam structure, sources of construction materials, dam dimensions, and resources, among others, were considered during the feasibility study and design phases of the project. The NIA also considered the *With* and *Without* the project scenario and determined the impacts of not pursuing the proposed project.

Table below summarizes the alternatives considered for the proposed Tulunan SRIP.

Table 2: Summary of Primary Alternatives Considered for Tulunan SRIP

Alternatives Considered	Technology/Design Options	Selected Option and Reason for Selection	Impact on Environment
Dam Location	Option 1 (lower hill) 6°46'46" N and 124°56'49" E Option 2 (upper hill) 6°46'42" N and 124°57'00" E	Option 2 is selected due to higher and narrower valley, thus, higher dam capacity and wider irrigable service area.	Option 1 will have smaller reservoir area compared to Option 2 , therefore, Option 2 will have larger affected land area and vegetation.
Type of Dam	Option 1 = Concrete Gravity Dam Option 2 = Zone Earth Embankment	Option 2 , zone earth embankment, was chosen dam design because it has better resistance to earthquakes but lesser cost.	Gravity dam requires a huge volume of concrete, thus, less environmentally friendly due to greenhouse gas (GHG) emission from concrete production and transportation to the project site. Thus, Option 2 is more environment friendly.
Source of Embankment Materials	Option 1 = source within the project area Option 2 = source outside the project area	Soil embankment material is abundant within the project area; thus, Option 1 is preferred.	Transporting construction materials generates negative impact in terms of dust and noise pollution, GHG emission, and risk to public safety. Sourcing embankment material in the vicinity of the project will minimize these impacts. However, there will be areas that will be cleared where the soil embankment materials will be extracted.
With and Without the Project	Option 1 = With the Project Option 2 = Without the Project	Option 1 (With the Project) is highly considered to attain the optimum benefits from the project in terms of agricultural productivity, employment and livelihood opportunities, potential boost of tourism, and better accessibility, among others. The project's benefit to address food security in the country and address impacts of climate change can be considered indefensible.	The proposed dam project helps mitigate flooding in Brgy. Minapan.

2 PROJECT PROPONENT

Project Proponent :	National Irrigation Administration – Cotabato Irrigation Management Office (NIA-CIMO)
Address:	Brgy. Amas, Kidapawan City, Cotabato
Contact Person:	Engr. Doroteo A. Canja Division Manager
Email:	r12.northcotabato-imo@nia.gov.ph
Telephone:	(064) 572-6150



3 PROJECT TIMELINE

The pre-construction stage of the project started during its Feasibility Study in 2015. Construction phase is expected to be start this 2024 and the construction of the project is estimated to be completed in five (5) years. **Table 3** presents the timeline of activities for the Tulunan SRIP.

Table 3: Project Timeline of Tulunan SRIP

Project Activities	Year								
	2022	2023	2024	2025	2026	2027	2028	2029	2030
EIA and DED									
ROW Acquisition									
Bidding for Contractor of the Project									
Construction of Temfacil									
Construction of Dam and Appurtenant Structures and Irrigation Networks									
Filling of the Reservoir and Testing of Dam									
Start of Project Operation									

4 PROJECTS MAJOR ENVIRONMENTAL IMPACTS AND MANAGEMENT PLAN

Table 4 summarizes the list of anticipated major environmental impacts of the project and their respective mitigation measures for each phase of the project implementation.



Table 4: Environmental Management Plan (EMP) for Tulunan SRIP

Project Phases/ Environmental Aspect	Env'l Component to be Affected	Potential Impact	Options for Prevention or Mitigation or Enhancement	Residual Effects After Applying Mitigation
CONSTRUCTION PHASE				
Site clearing	The Land	Vegetation removal	<ul style="list-style-type: none"> Secure Special Tree Cutting Permit (STCP) from DENR-PENRO before conducted site clearing. Minimize cut trees by transplanting trees that could be earth-balled. Minimize vegetation clearing as much as possible. Properly implement the conditions stated in the STCP of the project. Implementation of Watershed Management Plan (WMP). 	<ul style="list-style-type: none"> All trees cleared would be replaced. Only directly affected vegetation would be cleared.
Excavation works. Construction of dam embankment and appurtenant structures Construction of access roads and improvement of irrigation networks	The Land	Soil Erosion	<ul style="list-style-type: none"> Minimize land clearing only within project area. Immediately revegetate with grass, ornamentals or trees all the affected areas where construction activity is done. Clean the tires of vehicles and heavy equipment before going out from the construction area. Schedule groundworks and filling of dam embankment with soil during dry season. Provide silt traps and erosion control measures. Unpaved construction access roads should be covered with gravel and equipment mobility should be minimized during rains. 	<ul style="list-style-type: none"> Minimized siltation on Maybula Creek. Mudding of public roadways would be minimized. Less road accidents due to slippery roads.
		Land and Water Pollution due to Improper Solid Waste Disposal	<ul style="list-style-type: none"> Construction Environmental Management Plan (CEMP) which incorporates proper solid waste management, must be implemented strictly at the construction site. Construct a temporary MRF at the temfacil to facilitate efficient management of generated solid and liquid wastes. Solid and liquid wastes should be segregated, stored, and disposed depending on the nature of wastes. The Contractor must coordinate with concerned LGUs for the use of available solid waste management facilities in the area. 	<ul style="list-style-type: none"> Generated solid and liquid wastes would be properly managed by the Contractor. Land and water pollution would be minimized.
	The Water	Degradation of Water Quality	<ul style="list-style-type: none"> Temfacil should be constructed in flood-proof areas and away from the river. Provision of proper containments for generator sets, fuel and hazardous materials storage areas. Installation of silt and grease traps to mitigate silt and oil being washed to the river. Soil stockpiles must be protected to prevent run-off during rains which may cause siltation and shallow the receiving water bodies. Make sure that all the construction heavy equipment and vehicles are properly maintained to avoid oil leaks. Provide septic tanks and portalets to treat domestic wastewater produced by workers and avoid polluting water bodies. 	<ul style="list-style-type: none"> Risk to water pollution due to accidental spill would be minimized. Water pollution brought by construction activities would be reduced.



Project Phases/ Environmental Aspect	Env'l Component to be Affected	Potential Impact	Options for Prevention or Mitigation or Enhancement	Residual Effects After Applying Mitigation
			<ul style="list-style-type: none"> Practice religious implementation of proper solid waste management. Avoid installation of construction facilities such as batching plants, fabrication yards, storage areas, stockpile areas, offices, bunkhouses, motor pools, etc. near water bodies and flood-prone areas. As much as possible, schedule excavation works during dry seasons to minimize siltation. In case of severe siltation brought by construction activities, dredging of the affected portion of the river must be conducted by the Contractor. Conduct regular water quality monitoring throughout the construction phase of the project. Utilize the MIKAMAY CIS diversion dam as secondary silt trap. 	
	The People	<p>In-migration of construction workers</p> <p>Threat to Delivery of Basic Services</p> <p>Impact on Public Access</p> <p>Threat to Public Health and Safety</p> <p>Traffic Congestion</p> <p>Enhancement of Employment</p> <p>Increase Livelihood and Business Opportunities</p> <p>Increase Revenue of LGU</p>	<ul style="list-style-type: none"> Priority hiring of local residents, especially the project-affected persons (PAPs). Provide construction skills trainings to local residents to minimize manpower outsourcing. Provision of safe access roads for the public in the vicinity of the project. Make sure the river water, which is used by downstream community for domestic uses, is always clean. Non-local workers should secure work permits from respective LGUs. Priority procurement on local competitive services/suppliers. Support indirect livelihood opportunities for such as food, accommodation, and other related services. Contractor and proponent should regularly coordinate and support local LGU in terms of employment, basic services, and public health and safety. Observance on the implementation of high-quality safety standards during the construction works to reduce the risks of accidents. Proper sanitation in the construction area and workers' barracks should be maintained to avoid generation and spread of diseases. Flagmen and safety personnel should be deployed along construction access road to ensure public safety during transport of construction materials. Safety signages should be installed in strategic areas to warn the public on possible hazards brought by project activities. The Contractor, through their Safety Manager, Safe Officers, and Environmental Officer, should observe the project's compliance with the rules and regulations implemented by the DENR, DOLE, DOH, and the LGU. 	<ul style="list-style-type: none"> Local economy would boost brought by additional income of the community due to direct and indirect livelihood opportunities. Negative impacts of the project on the community would be reduced and complaints would be avoided. Less risk to accidents and sickness both to workers and the public.



Project Phases/ Environmental Aspect	Env'l Component to be Affected	Potential Impact	Options for Prevention or Mitigation or Enhancement	Residual Effects After Applying Mitigation
OPERATION AND MAINTENANCE PHASE				
General dam operation activities	The Water	Threat to Existence/Loss of Aquatic Species	<ul style="list-style-type: none"> • Ensure continuous release of water downstream of the dam. • Increase frequency of releases when sediment load of inflowing water increases. • Ensure catchment protection and watershed management. • Conduct regular water quality monitoring. • Regularly monitor the presence of disease vectors. 	<ul style="list-style-type: none"> • River ecology on the downstream of the dam would be sustained.
	The Air	Contribution in Terms of GHG Emission	<ul style="list-style-type: none"> • To minimize the GHG emitted by the reservoir due to decaying organic materials, it is recommended that the affected land owners should cut all the trees that are anticipated to be submerged by the project's reservoir. • The Contractor, on the other hand, should also be tasked to remove all the remaining vegetations in the reservoir prior to reservoir filling. 	<ul style="list-style-type: none"> • Minimized generation of methane and carbon dioxide from decomposing organic matter that would be inundated by the reservoir.
	The People	Threat to Public Health and Safety	<ul style="list-style-type: none"> • Security personnel should be deployed to secure the dam facilities and warn the public on possible accidents. • Safety facilities such as railings, guard rails, and signages should be provided at strategic areas of the dam structure. • The LGU's Municipal Health Office should also conduct regular monitoring at the dam for the possible source of water-borne diseases. 	<ul style="list-style-type: none"> • Reduced risk to accidents and spread of water-borne diseases.



5 IDENTIFIED STAKEHOLDERS

Table 5 outlines the identified stakeholders of the proposed Tulunan SRIP. The identification of stakeholders aligns with the criteria specified in Section 5.2 of DAO 2017-15.

Table 5: Stakeholders of Proposed Tulunan SRIP

Category	List of Stakeholders	Subsectors	Basis of Selection
Provincial LGU	<ul style="list-style-type: none"> Cotabato Provincial LGU 	<ul style="list-style-type: none"> Office of the Governor Environment and Natural Resources Office 	Political jurisdiction over the area and project beneficiary
Municipal LGUs	<ul style="list-style-type: none"> Tulunan, Cotabato LGU 	<ul style="list-style-type: none"> Mayor's Office Municipal Planning and Development Office (MPDO) Municipal Engineering Office (MEO) Municipal Agriculture Office (MAgO) Municipal Disaster Risk Reduction and Management Office (MDRRMO) Municipal Environment and Natural Resources Office (MENRO) Municipal Tourism Office (MTO) Municipal Health Office (MHO) Municipal Assessors Office (MAso) 	Political jurisdiction over the area and project beneficiaries
Barangay LGUs	<ul style="list-style-type: none"> Maybula BLGU Minapan BLGU Kanibong BLGU Bual BLGU Damawato BLGU 	<ul style="list-style-type: none"> Sibsib BLGU Popoyon BLGU New Bunawan BLGU Galidan BLGU 	Political jurisdiction over the area, project beneficiary
Government Agencies	<ul style="list-style-type: none"> Department of Agriculture – R12 Department of Public Works and Highways (DPWH) – R12 Bureau of Fisheries and Aquatic Resources (BFAR) – R12 Provincial Environment and Natural Resources Office (PENRO) – Cotabato Philippine Coconut Authority Regional Office 12 (PCA-R12) Philippine Rubber Research Institute (PRRI) thru its Experimental Area in Aroman, Carmen, North Cotabato 		Concerned government agencies
Groups that will be Displaced	<ul style="list-style-type: none"> Project-Affected Persons (PAPs) 	<ul style="list-style-type: none"> Owners of 45 Lots that will be affected within the dams site and reservoir. Owners of crops and trees, especially rubber plantations, within the project area 	Group to be physically displaced
NGOs/POs/ Local Institutions	<ul style="list-style-type: none"> Farmers' Associations in the Service Area <ul style="list-style-type: none"> Banana Farmers Association Damawato-Bual Bayanihan Communal IAs Lower Damawato-Popoyon Farmers IA, Inc. Minapan-Kanibong AMMUYO CIA Maybula River Irrigation System Association Minapan-Kanibong-Maybula IA (MIKAMAY) MINAPAN Irrigators Association Minapan Bayanihan Irrigators Association Kalubihan CIA Kahugpungan sa Mag-uuma sa New Panay Kag La Esperanza (KAMANEPLA) Multipurpose Cooperative Liguasan Marsh Conservation Maybula Elementary School Local Church Groups Local Women Groups Local Media 		Threatened services, could help implementation, and/or beneficiaries.



6 PROPONENT'S STATEMENT OF COMMITMENT

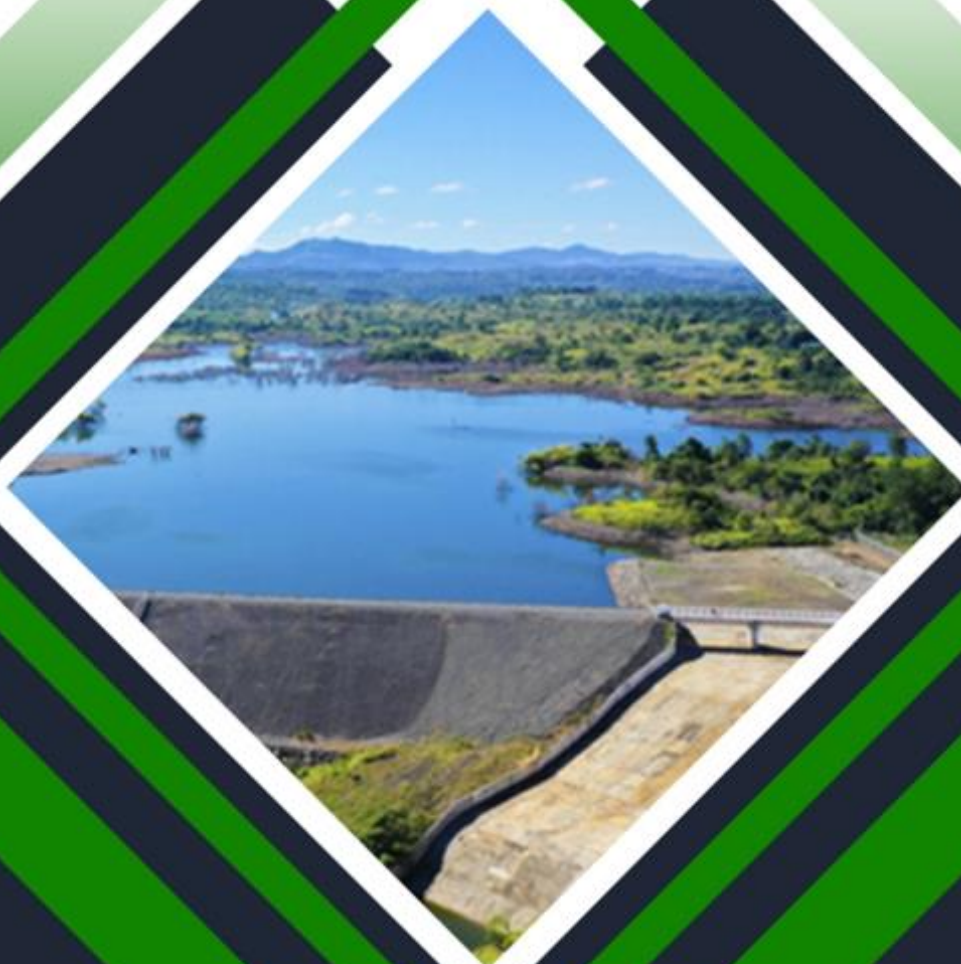
The NIA-CIMO assures the stakeholders and the public that the agency will implement the project in line with the environmental laws of the country. The NIA-CIMO shall make sure that all the identified impacts of the project stated in the Environmental Impact Statement (EIS) Report shall be taken into account in all phases of implementation and the necessary mitigating measures are carried out both by the Contractor and the agency. If granted, the agency shall comply with the conditions of the Environmental Compliance Certificate (ECC) that will be issued by the Department of Environment and Natural Resources – Environmental Management Bureau (DENR-EMB).

The NIA-CIMO shall take the responsibility to act immediately in case of complaints or identified non-compliances by the agency or its Contractors, if any, as part of the Grievance Redress Mechanism of the project.

7 GETTING COPY OF THE EIS REPORT

The signed and approved copy of the EIS Report and ECC, if granted, can be acquired at the office of NIA-CIMO at the address and contact information specified in Section 2.

Furthermore, the Municipal LGU of Tulunan, Provincial Environment and Natural Resources Office (PENRO) – Kidapawan City, and DENR-EMB Region XII will be provided with hard copies of the EIS Report and ECC once granted.



Buod ng Environmental Impact Statement (EIS) para sa Publiko

Tulunan Small Reservoir Irrigation Project (SRIP)
Brgy. Maybula, Tulunan Cotabato

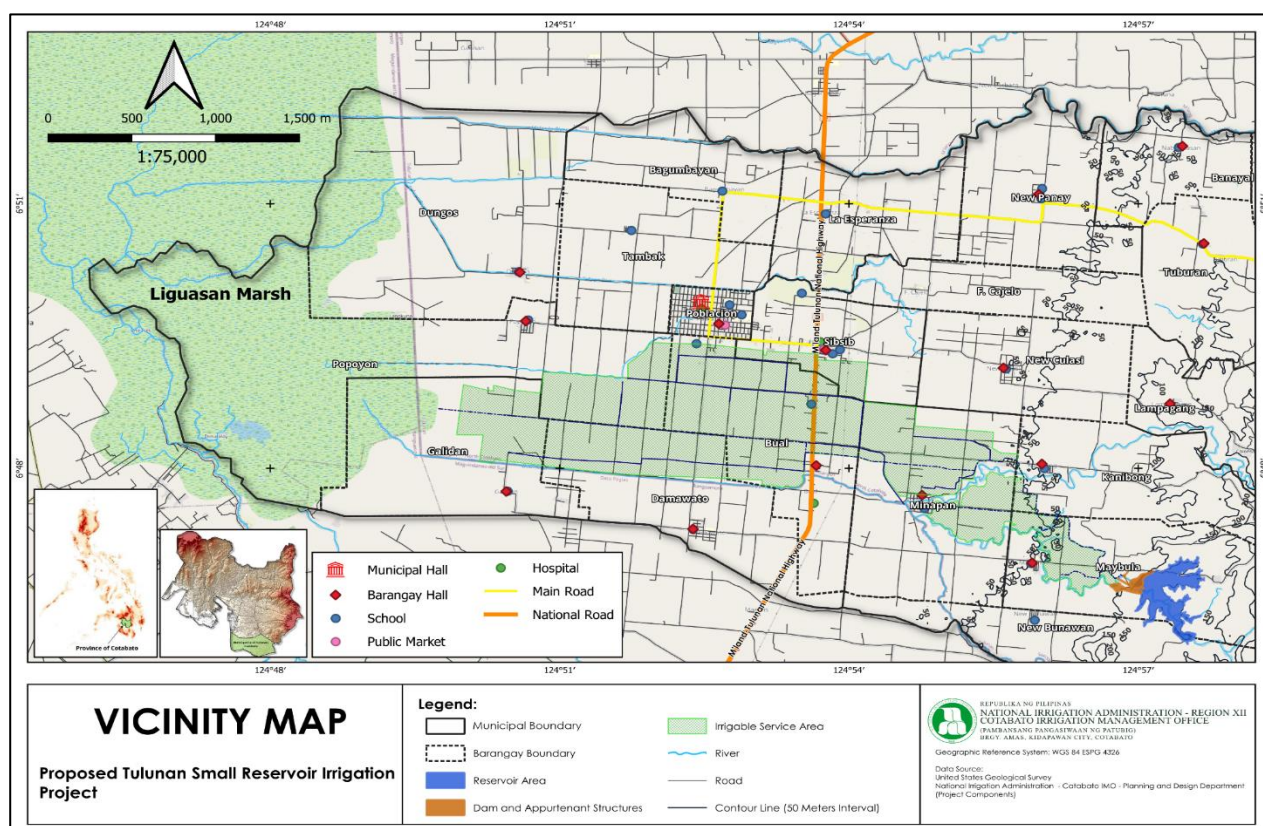
1 PAGLALARAWAN NG PROYEKTO

1.1.1 Maikling Paglalarawan ng Proyekto

Ang Tulunan Small Reservoir Irrigation Project (SRIP) ay ang magiging pinakamalaking irrigation system project ng National Irrigation Administration – Cotabato Irrigation Management Office (NIA-CIMO) na naglalayong patubigan ang karagdagang 900 ektarya ng mga bukirin sa walong (8) barangay ng Tulunan, Cotabato, at makapagsupply ng tubig sa 179 ektarya at 734 ektarya na mga palayan na kasalukuyang sineserbisuhan ng Minapan Communal Irrigation System (CIS) at Damawato-Bual Bayanihan CIS.

Talahanayan 1: Listahan ng mga Barangay na Nakakasakop sa Proyekto

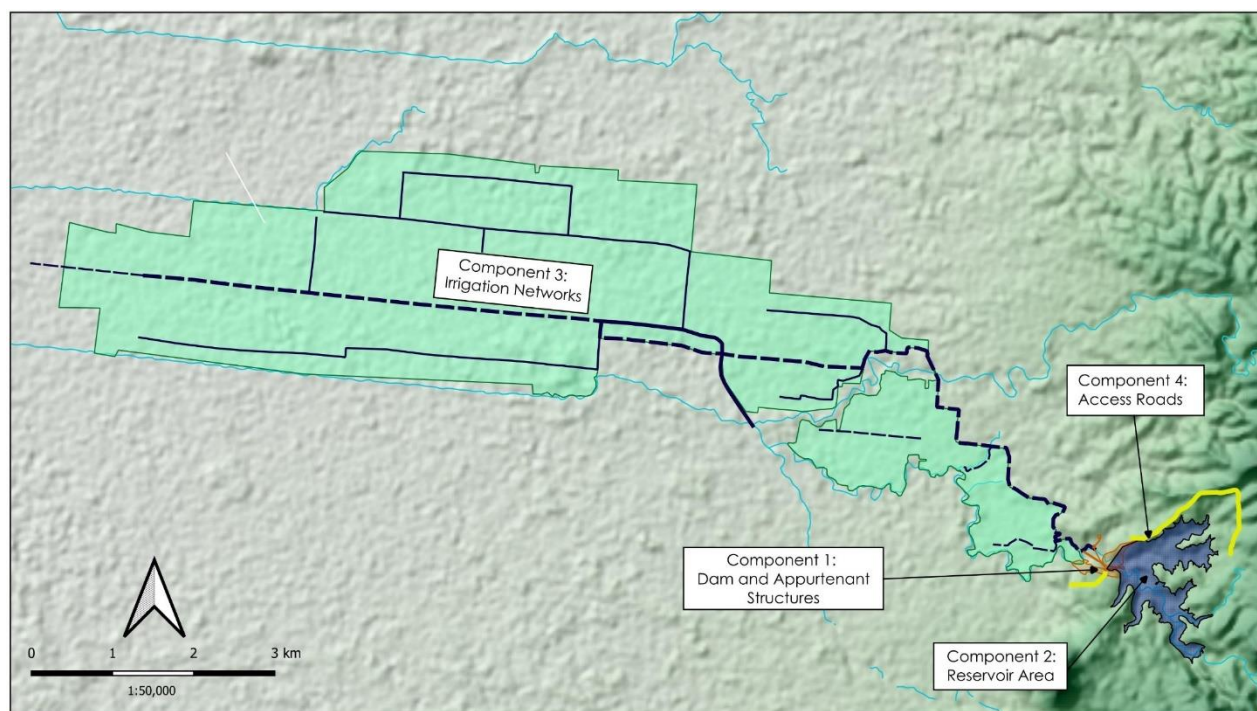
Bahagi ng Proyekto	Nakakasakop na mga Barangays
Dam Site	Maybula
Imbakan ng Tubig	Maybula, New Bunawan
Network ng Canal at Mapapatubigang Palayan	Maybula, Kanibong, Minapan, Bual, Damawato, Sibsib, Popoyon, and Galidan.



Larawan 1: Mapa ng Tulunan SRIP

Ang proyekto ay bubuuin ng apat (4) na pangunahing bahagi:

- Komponent 1:** Pagtatayo ng 34-meter zoned earth-fill dam at mga kaugnay na istruktura.
- Komponent 2:** Reservoir na may kabuuang kapasidad na imbakan na 8.919 million kyubikong metro ng tubig na may lawak na 96.4 ektarya.
- Komponent 3:** Pagtatayo ng mga bagong pasilidad ng irigasyon at daluyan ng tubig na may haba na 14.8 km ng main canal at 4.13 km ng lateral canals sa mga barangay ng Maybula, Kanibong, Minapan, Bual, Damawato, Sibsib, Popoyon at Galidan.
- Komponent 4:** Pagtatayo ng bagong access road patungo sa Sitio Malipayon at New Bunawan na may haba na 2.33 km at 0.48 km.



Larawan 2: Mapa ng mga Komponenta ng Tulunan SRIP

1.1.2 Mga Yugto ng Proyekto

Kasama sa pagpapatupad ng proyekto ang mga sumusunod na yugto:

Pre-Construction Phase

- Pre-Feasibility and Feasibility Studies
- Pagsasagawa ng Environmental Impact Assessment at pag-aapply ng Environmental Compliance Certificate (ECC) ng proyekto
- Pag-aapply ng mga kailangang Permits at Clearances (i.e., Special Tree Cutting Permit, Project Endorsements, Clearances and Permits, etc.)
- Pag-aapply ng Certificate of Non-Overlap sa National Commission on Indigenous Peoples (NCIP);
- Pagsasagawa ng Detailed Engineering Design (DED);
- Pag-papatupad ng Land Acquisition and Resettlement Action Plan (LARP); at
- Paghahanap ng kwalipikadong Contractor ng proyekto sa pamamagitan ng bidding process.

Construction Phase

- Konstruksyon at Pagpapabuti ng mga Network ng Canal
- Pagtatayo ng Pansamantalang Pasilidad ng Contractor
- Konstruksyon ng Dam at mga Kaugnay na Istruktura
 - Paglilinis ng Lugar na Pagtatayuan
 - Paglipat at Pagkontrol of Tubig Ilog sa Panahon ng Konstruksyon
 - Paghuhukay at Paghahanda ng Pundasyon
 - Konstruksyon ng Dam
 - Kunstruksyon ng mga Kaugnay na Istruktura at Suportang mga Pasilidad
- Pagpuno ng Reservoir at Pagsusuri ng mga Pasilidad ng Dam

Operation and Maintenance Phase

- Operasyon at Pagpapanatili ng Dam at mga Kaugnay na Istruktura at Imbakan ng Tubig
- Operasyon at Pagpapanatili ng mga Kanal Pang-irigasyon



- Impementasyon ng Watershed Management Plan (WMP) at Irrigation Water Resources Management Plans (IWRMP)

1.1.3 Mga Alternatibo sa Proyekto at Paggamit ng Likas na Yaman

Ang proyekto ay sumailalim sa serye ng mga pag-aaral bago ang huling disenyo ay napagpasyahan. Ang pinakamagandang lokasyon ng dam, uri ng istraktura ng dam, mga pagmumulan ng mga materyales sa konstruksyon, mga sukat at dimensyon ng dam, mga mapagkukunan ng tubig, kuryente, at iba pang mga aspeto, ay mga isinasalang-alang sa panahon na Feasibility Study at Design Stage ng proyekto. Isinaalang-alang din ng NIA ang senaryo ng proyekto na *With and Without the Project* at tinukoy ang mga posibleng epekto ng hindi pagpapatupad ng Tulunan SRIP.

Ang talahanayan sa ibaba ay nagbubuod sa mga alternatibong isinasalang-alang sa pag-aaral ng Tulunan SRIP:

Talahanayan 2: Buod ng mga Pangunahing Alternatibo na Isinaalang-alang para sa Tulunan SRIP

Mga Isinalang-alang na Parameter	Mga Isinalang-alang na Alternatibo	Piniling Alternatibo at Dahilan ng Pagpili	Epekto sa Kalikasan ng Piniling Alternatibo
Lokasyon ng Dam	Opsyon 1 (baba ng burol) 6°46'46" N and 124°56'49" E Opsyon 2 (taas ng burol) 6°46'42" N and 124°57'00" E	Ang Opsyon 2 ay pinili dahil sa mas mataas at mas makitid na lambak, sa gayon, mas mataas na kapasidad ng dam at mas malawak na lugar ng serbisong irigado.	Ang Opsyon 1 ay magkakaroon ng mas maliit na reservoir area kumpara sa Opsyon 2, samakatuwid, ang Opsyon 2 ay magkakaroon ng mas malaking apektadong lugar ng lupa at mga halaman.
Uri ng Dam	Opsyon 1 = Concrete Gravity Dam Opsyon 2 = Zone Earth Embankment	Opsyon 2 , zone earth embankment, ay napiling disenyo ng dam dahil ito ay may mas mahusay na panlaban sa lindol at mas mababang gastos.	Ang gravity dam ay nangangailangan ng malaking bulto ng kongkreto, samakatuwid, hindi gaanong environment friendly dahil sa greenhouse gas (GHG) emission mula sa produksyon ng kongkreto at transportasyon patungo sa lugar ng proyekto. Kaya, ang Opsyon 2 ay mas environment friendly.
Pinagmulan ng Materyales ng Dam Embankment	Opsyon 1 = sa paligid ng dam Opsyon 2 = sa mga lugar na malayo sa dam	Ang materyal na lupa na gagamitin sa embankment ay sagana sa paligid ng lugar ng proyekto; kaya, ang Opsyon 1 ay pinili.	Ang transportasyon ng mga construction materials ay nagdudulot ng negatibong epekto sa kapaligiran kagaya ng polusyon ng alikabok at ingay, emisyon ng GHG, at panganib sa kaligtasan ng publiko. Ang pagkuha ng embankment material sa paligid ng proyekto ay mababawasan ang mga epektong ito. Gayunpaman, may mga lugar na aalisin kung saan kukunin ang mga materyales sa embankment ng dam.
Pagpapatupad o Hindi Pagpapatupad ng Proyekto	Opsyon 1 = Pagpapatupad ng Proyekto Opsyon 2 = Hindi Pagpapatupad ng Proyekto	Ang Opsyon 1 (Pagpapatupad ng Proyekto) ay lubos na isinasalang-alang upang makamit ang mga benepisyo mula sa proyekto sa mga tuntunin ng pagiging produktibo sa agrikultura, trabaho at mga oportunidad sa kabuhayan, potensyal na pagsulong ng turismo, mas mahusay na daan, at iba pa. Ang benepisyo ng proyekto upang matugunan ang seguridad sa pagkain at matugunan ang mga epekto ng pagbabago ng klima ay maaaring ituring na hindi matatawaran na mga benepisyo ng proyekto.	The dam ay makakatulong para mabawasan ang pagbaha sa Brgy. Minapan.



2 PROJECT PROPONENT

Project Proponent : **National Irrigation Administration – Cotabato Irrigation Management Office (NIA-CIMO)**
Address: Brgy. Amas, Kidapawan City, Cotabato
Contact Person: Engr. Doroteo A. Canja
Division Manager
Email: r12.northcotabato-imo@nia.gov.ph
Telephone: (064) 572-6150

3 TIMELINE NG PROYEKTO

Ang yugtong pre-construction ng proyekto ay nagsimula sa Feasibility Study nito noong 2015. Ang construction phase ay inaasahang magsisimula ngayong 2024 at ang pagtatayo ng proyekto ay tinatayang matatapos sa loob ng limang (5) taon. Ang Talahanayan 3 ay nagpapakita ng timeline ng mga aktibidad sa pagpapatupad ng Tulunan SRIP.

Talahanayan 3: Timeline ng Tulunan SRIP

Mga Gawain sa Proyekto	Taon								
	2022	2023	2024	2025	2026	2027	2028	2029	2030
Environmental Impact Assessment at Detailed Engineering Design									
Pagbili ng Right-of-Way									
Bidding ng Contractor para sa Proyekto									
Konstruksyon ng Temfacil									
Konstruksyon ng Dam at mga Kaugnay na Istruktura at Irrigation Networks									
Pagpuno ng Reservoir at Pagsusuri ng mga Pasilidad ng Dam									
Pagsisimula ng Operasyon ng Proyekto									

4 MGA PANGUNAHING EPEKTO NG PROYEKTO AT MGA PLANONG SOLUSYON

Ang **Talahanayan 4** ay nagbubuod sa listahan ng mga inaasahang pangunahing epekto sa kapaligiran ng proyekto at ang kani-kanilang mga hakbang para mabawasan ang epekto sa naaayon sa bawat yugto ng pagpapatupad ng proyekto.



Talahanayan 4: Environmental Management Plan (EMP) ng Tulunan SRIP

Mga Yugto ng Proyekto/ Aspektong Pangkapaligiran	Bahaging Pangkapaligiran na Maaapektuhan	Potensyal na Epekto	Mga Opsyong Solusyon para sa Pag-iwas o Pagbawas o Pagpapahusay	Mga Natitirang Epekto Pagkatapos Mag-apply ng Solusyon
CONSTRUCTION PHASE				
Paglilinis ng Lugar na Pagtatayuan	Lupa	Pagpuputol ng mga Puno at mga Halaman	<ul style="list-style-type: none"> • Pagapply ng Special Tree Cutting Permit (STCP) sa DENR-PENRO bago magsagawa ng pagpuputol ng puno at halaman. • I-minimize ang mga pinutol na puno sa pamamagitan ng paglipat ng mga puno na maaaring i-earth-balled. • Bawasan ang pagpuputol ng mga puno at halaman hangga't maaari. • Wastong ipatupad ang mga kondisyong nakasaad sa STCP ng proyekto. • Pagpapatupad ng Watershed Management Plan (WMP). 	<ul style="list-style-type: none"> • Lahat ng punong pinutol ay mapapalitan. • Tanging ang direktang apektadong mga puno at halaman lamang ang maaalis.
Mga Gawaing Paghuhukay Pagtatayo ng Embankment ng Dam at mga Kaugnay na Istruktura Konstruksyon ng mga Daan at Pagsasaayos ng mga Network ng Irigasyon	Lupa	Erosyon	<ul style="list-style-type: none"> • Pagsasagawa ng aktibidad sa loob lamang ng lugar ng proyekto. • Pagtanim ng dam at halaman sa mga apektadong lugar kung saan ginawa ang gawaing konstruksyon. • Linisin ang mga gulong ng mga sasakyan at heavy equipment bago lumabas sa lugar ng konstruksyon. • Mag-iskedyul ng mga paghuhukay at pagtatabon ng dam sa panahon ng tag-araw. • Maglagay ng mga silt traps at iba pang mga hakbang sa pagkontrol ng erosyon. • Ang mga hindi sementadong daanan ng konstruksyon ay dapat na takpan ng graba at ang paggalaw ng kagamitan ay dapat mabawasan sa panahon ng tag-ulan. 	<ul style="list-style-type: none"> • Mas mababang lebel ng siltation sa Maybula Creek. • Ang pagkaputik ng mga pampublikong daanan ay mababawasan. • Mas kaunting aksidente sa kalsada na sanhi ng madulas na kalsada.
		Polusyon sa Lupa at Tubig dahil sa Hindi Wastong Pagtatapon ng Basura	<ul style="list-style-type: none"> • Construction Environmental Management Plan (CEMP) which incorporates proper solid waste management, must be implemented strictly at the construction site. • Construct a temporary MRF at the temfacil to facilitate efficient management of generated solid and liquid wastes. • Solid and liquid wastes should be segregated, stored, and disposed depending on the nature of wastes. • The Contractor must coordinate with concerned LGUs for the use of available solid waste management facilities in the area. 	<ul style="list-style-type: none"> • Ang mga solid at likidong basura ay maisasaayos ng Kontratista. • Ang polusyon sa lupa at tubig ay mababawasan.
	Tubig	Polusyon sa Tubig	<ul style="list-style-type: none"> • Ang Temfacil ay dapat itayo sa mga lugar na hindi inaabot ng baha at malayo sa ilog. • Pagbibigay ng wastong mga container para sa mga generator set, gasolina at mga lugar na imbakan ng mga mapanganib na materyales. • Paglalagay ng silt at grease traps upang mabawasan ang silt at langis na naanod sa ilog. 	<ul style="list-style-type: none"> • Ang panganib sa polusyon ng tubig dahil sa aksidentend pagtagas ng maduming tubig ay maiiwasan. • Ang polusyon sa tubig na dala ng mga aktibidad sa pagtatayo ng proyekto ay mababawasan.



Mga Yugto ng Proyekto/ Aspektong Pangkapaligiran	Bahaging Pangkapaligiran na Maaapektuhan	Potensyal na Epekto	Mga Opsyong Solusyon para sa Pag-iwas o Pagbawas o Pagpapahusay	Mga Natitirang Epekto Pagkatapos Mag-apply ng Solusyon
			<ul style="list-style-type: none"> • Ang mga imbakan ng lupa ay dapat protektahan upang maiwasang matangay sa panahon ng tag-ulan na maaaring magdulot ng siltation at bumabaw ang mga nasa ibabang anyong tubig. • Siguraduhin na ang lahat ng mga heavy equipment sa konstruksyon at mga sasakyan ay nasa maayos na kondisyon upang maiwasan ang pagtagas ng langis. • Maglagay ng mga septic tank o portalet upang maisaayos and pagtatapon ng maduming tubig at maiwasan ang pagdumi ng mga anyong tubig. • Magsanay ng relihiyosong pagpapatupad ng wastong pamamahala ng basura. • Iwasan ang paglagay ng mga pasilidad sa konstruksyon tulad ng mga batching plant, fabrication yards, storage area, stockpile area, opisina, bunkhouses, motor pool, atbp. malapit sa ilog at binabahang lugar. • Hangga't maaari, mag-iskedyul ng paghuhukay sa panahon ng tag-araw upang mabawasan ang siltation. • Kung magkaroon ng matinding siltation na dala ng mga aktibidad sa konstruksiyon, ang dredging ng apektadong bahagi ng ilog ay dapat isagawa ng Contractor. • Magsagawa ng regular na pagsubaybay sa kalidad ng tubig sa buong yugto ng pagtatayo ng proyekto. • Gamitin ang MIKAMAY CIS diversion dam bilang silt trap. 	
	Tao	<p>In-migration ng mga construction worker</p> <p>Banta sa Paghahatid ng Mga Pangunahing Serbisyo</p> <p>Epekto sa Public Access</p> <p>Banta sa Pamublikong Kalusugan at Kaligtasan</p>	<ul style="list-style-type: none"> • Priyoridad na pag-employ ng mga lokal na residente, lalo na ang project-affected persons (PAPs). • Magbigay ng mga training o kasanayan sa konstruksyon para sa mga lokal na residente upang mabawasan ang mga dayong empleyado. • Paglalaan ng ligtas na daanan para sa publiko sa paligid ng proyekto. • Siguraduhin na ang tubig ng ilog, na ginagamit ng komunidad sa ibaba ng konstruksyon ay laging malinis. • Ang mga hindi lokal na manggagawa ay dapat kumuha ng mga permit sa pagtatrabaho sa munisipyo ng Tulnan. • Priyoridad na pagkuha sa mga lokal na serbisyo/supplier. • Suportahan ang kabuhayan tulad ng pagkain, tirahan, at iba pang kaugnay na serbisyo. • Regular na makipag-ugnayan ang kontratista at proponent sa lokal na LGU ukol sa mga tuntunin ng trabaho, mga pangunahing serbisyo, at kalusugan at kaligtasan ng publiko. 	<ul style="list-style-type: none"> • Ang lokal na ekonomiya ay mapapalakas dala ng karagdagang kita ng komunidad dahil sa direkta at hindi direktang mga kabuhayan. • Ang mga negatibong epekto ng proyekto sa komunidad ay mababawasan at ang mga reklamo ay maiiwasan. • Mas kaunting panganib sa mga aksidente at pagkakasakit ng mga manggagawa at publiko.



Mga Yugto ng Proyekto/ Aspektong Pangkapaligiran	Bahaging Pangkapaligiran na Maaapektuhan	Potensyal na Epekto	Mga Opsyong Solusyon para sa Pag-iwas o Pagbawas o Pagpapahusay	Mga Natitirang Epekto Pagkatapos Mag-apply ng Solusyon
		<p>Pagsisikip ng Trapiko</p> <p>Pagpapahusay ng Trabaho</p> <p>Paglaki ng Kabuhayan at Mga Oportunidad sa Negosyo</p> <p>Pagtaasng Kita ng LGU</p>	<ul style="list-style-type: none"> • Pagpapatupad ng mataas na kalidad na mga pamantayan sa kaligtasan sa konstruksiyon upang mabawasan ang mga aksidente. • Ang wastong kalinisan sa lugar ng konstruksiyon at kuwartel ng mga manggagawa ay dapat mapanatili upang maiwasan ang pagkalat ng mga sakit. • Ang mga flagmen o mga Safety Officers ay dapat na i-deploy sa kahabaan ng daan na ginagamit sa konstruksiyon upang matiyak ang kaligtasan ng publiko habang dumadaan ang mga trak na ginagamit ng Contractor. • Dapat maglagay ng mga safety signage sa mga estratehikong lugar upang bigyan ng babala ang publiko sa mga posibleng panganib na dala ng mga aktibidad ng proyekto. • Ang Kontratista, sa pamamagitan ng kanilang Safety Manager, Safe Officers, at Environmental Officer, ay dapat obserbahan ang pagsunod ng proyekto sa mga tuntunin at regulasyon na ipinatupad ng DENR, DOLE, DOH, at LGU. 	
OPERATION AND MAINTENANCE PHASE				
General dam operation activities	Tubig	Banta sa Pamumuhay /Pagkawala ng Aquatic Species	<ul style="list-style-type: none"> • Tiyakin ang tuluy-tuloy na paglabas ng tubig sa ilog sa ibaba ng dam. • Dagdagan ang dalas ng pagrelease ng tubig sa ilog kapag tumataas ang sediment na umaagos na tubig. • Tiyakin ang proteksyon at pangangalaga ng watershed. • Magsagawa ng regular na pagsubaybay sa kalidad ng tubig sa ilog. • Regular na subaybayan ang pagkakaroon ng mga vector ng sakit. 	<ul style="list-style-type: none"> • Ang ekolohiya ng ilog sa ibaba ng dam ay mapapanatili.
	Hangin	Kontribusyon sa Emisyon ng GHG	<ul style="list-style-type: none"> • Upang mabawasan ang GHG na manggagaling sa reservoir dahil sa nabubulok na mga organikong materyales, inirerekomenda na ang mga apektadong may-ari ng lupa ay dapat putulin ang lahat ng mga punong inaasahang lulubog sa reservoir ng proyekto. • Ang Kontratista ay dapat ding atasan na alisin ang lahat ng natitirang mga halaman sa reservoir bago ang pagpuno ng reservoir. 	<ul style="list-style-type: none"> • Mas mababa ang mabubuong methane at carbon dioxide mula sa nabubulok na organikong bagay na babahain ng reservoir.
	Tao	Banta sa Pampublikong Kalusugan at Kaligtasan	<ul style="list-style-type: none"> • Pagdedeploy ng security personnel upang ma-secure ang mga pasilidad ng dam at bigyan ng babala ang publiko sa mga posibleng aksidente. • Ang mga pasilidad na pangkaligtasan tulad ng mga rehas, guard rail, at mga signage ay dapat mailagay sa mga estratehikong lugar ng istraktura ng dam. • Ang Municipal Health Office ng LGU ay dapat ding magsagawa ng regular na pagsubaybay sa dam para sa posibleng pagmulan ng mga sakit na dala ng naimbak na tubig sa dam. 	<ul style="list-style-type: none"> • Mababawasan ang panganib sa mga aksidente at pagkalat ng mga sakit na dala ng tubig.



5 MGA NATUKOY NA STAKEHOLDERS

Ang **Talahanayan 5** ay nagbabalangkas sa mga natukoy na stakeholder ng Tulunan SRIP. Ang pagkakakilanlan ng mga stakeholders ay naaayon sa pamantayang tinukoy sa Seksyon 5.2 ng DAO 2017-15.

Talahanayan 5: Mga Natukoy na Stakeholders ng Tulunan SRIP

Kategorya	Listahan ng Stakeholders	Sektor	Basehan ng Pagpili
Provincial LGU	<ul style="list-style-type: none"> Cotabato Provincial LGU 	<ul style="list-style-type: none"> Office of the Governor Environment and Natural Resources Office 	Politikal na hurisdiksyon sa lugar at benepisyaryo ng proyekto
Municipal LGUs	<ul style="list-style-type: none"> Tulunan, Cotabato LGU 	<ul style="list-style-type: none"> Mayor's Office Municipal Planning and Development Office (MPDO) Municipal Engineering Office (MEO) Municipal Agriculture Office (MAgO) Municipal Disaster Risk Reduction and Management Office (MDRRMO) Municipal Environment and Natural Resources Office (MENRO) Municipal Tourism Office (MTO) Municipal Health Office (MHO) Municipal Assessors Office (MAso) 	Politikal na hurisdiksyon sa lugar at mga benepisyaryo ng proyekto
Barangay LGUs	<ul style="list-style-type: none"> Maybula BLGU Minapan BLGU Kanibong BLGU Bual BLGU Damawato BLGU 	<ul style="list-style-type: none"> Sibsib BLGU Popoyon BLGU New Bunawan BLGU Galidan BLGU 	Politikal na hurisdiksyon sa lugar at mga benepisyaryo ng proyekto
Government Agencies	<ul style="list-style-type: none"> Department of Agriculture – R12 Department of Public Works and Highways (DPWH) – R12 Bureau of Fisheries and Aquatic Resources (BFAR) – R12 Provincial Environment and Natural Resources Office (PENRO) – Cotabato Philippine Coconut Authority Regional Office 12 (PCA-R12) Philippine Rubber Research Institute (PRRI) thru its Experimental Area in Aroman, Carmen, North Cotabato 		Mga ahensiya ng pamahalaan na may relasyon sa planong proyekto
Groups that will be Displaced	<ul style="list-style-type: none"> Project-Affected Persons (PAPs) 	<ul style="list-style-type: none"> Owners of 45 Lots that will be affected within the dams site and reservoir. Owners of crops and trees, especially rubber plantations, within the project area 	Mga direktang maaapektuhan ng proyekto
NGOs/POs/ Local Institutions	<ul style="list-style-type: none"> Farmers' Associations in the Service Area <ul style="list-style-type: none"> Banana Farmers Association Damawato-Bual Bayanihan Communal IAs Lower Damawato-Popoyon Farmers IA, Inc. Minapan-Kanibong AMMUYO CIA Maybula River Irrigation System Association Minapan-Kanibong-Maybula IA (MIKAMAY) MINAPAN Irrigators Association Minapan Bayanihan Irrigators Association Kalubihan CIA Kahugpungan sa Mag-uuma sa New Panay Kag La Esperanza (KAMANEPLA) Multipurpose Cooperative Liguasan Marsh Conservation Maybula Elementary School Local Church Groups Local Women Groups Local Media 		Mga serbisyong maapektuhan, maaaring makatulong sa pagpapatupad, o mga benepisyaryo.



6 PROPONENT'S STATEMENT OF COMMITMENT

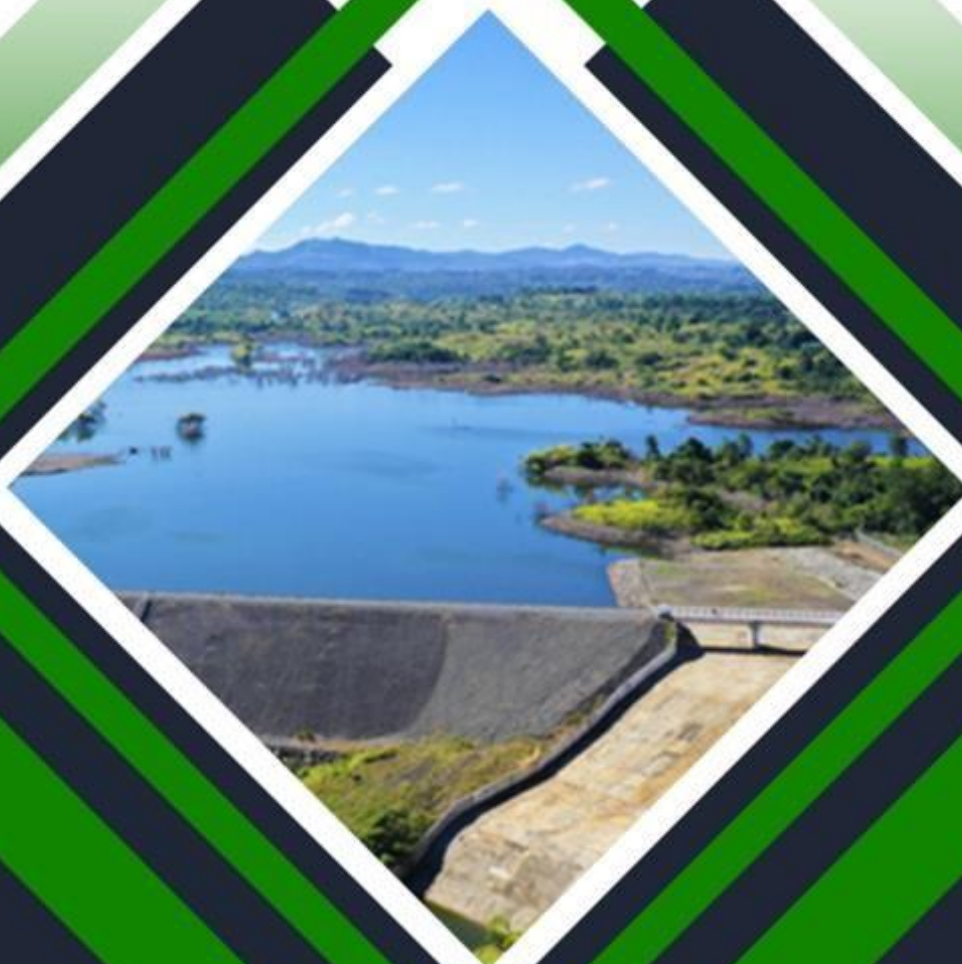
Tinitiyak ng NIA-CIMO sa mga stakeholder at publiko na ipatutupad ng ahensya ang proyekto alinsunod sa mga batas pangkalikasan ng bansa. Titiyakin ng NIA-CIMO na ang lahat ng natukoy na epekto ng proyekto na nakasaad sa Environmental Impact Statement (EIS) Report ay isasaalang-alang sa lahat ng yugto ng pagpapatupad ng proyekto at ang mga kinakailangang hakbang na solusyon ay isasagawa ng Kontratista at ng ahensya. Kung papayagan ang proyekto, susunod ang ahensya sa mga kondisyon ng Environmental Compliance Certificate (ECC) na ibibigay ng Department of Environment and Natural Resources – Environmental Management Bureau (DENR-EMB).

Ang NIA-CIMO ay magiging responsible sa agarang aksyon kung sakaling may mga reklamo o natukoy na hindi pagsunod ang ahensya o ng mga Kontratista nito, bilang bahagi ng Grievance Redress Mechanism ng proyekto.

7 PAGKUHA NG KOPYA NG EIS REPORT

Ang pinirmahan at naaprubahang kopya ng EIS Report at ECC, kung ipagkakaloob, ay maaaring makuha sa opisina ng NIA-CIMO sa address at impormasyon na tinukoy sa Seksyon 2.

Bukod dito, ang Municipal LGU ng Tulunan, Provincial Environment and Natural Resources Office (PENRO) – Kidapawan City, at DENR-EMB Region XII ay bibigyan ng mga kopya ng EIS Report at ECC, kung maigawad sa ahensya.



Environmental Impact Statement (EIS) Summary for the Public

Tulunan Small Reservoir Irrigation Project (SRIP)
Brgy. Maybula, Tulunan Cotabato

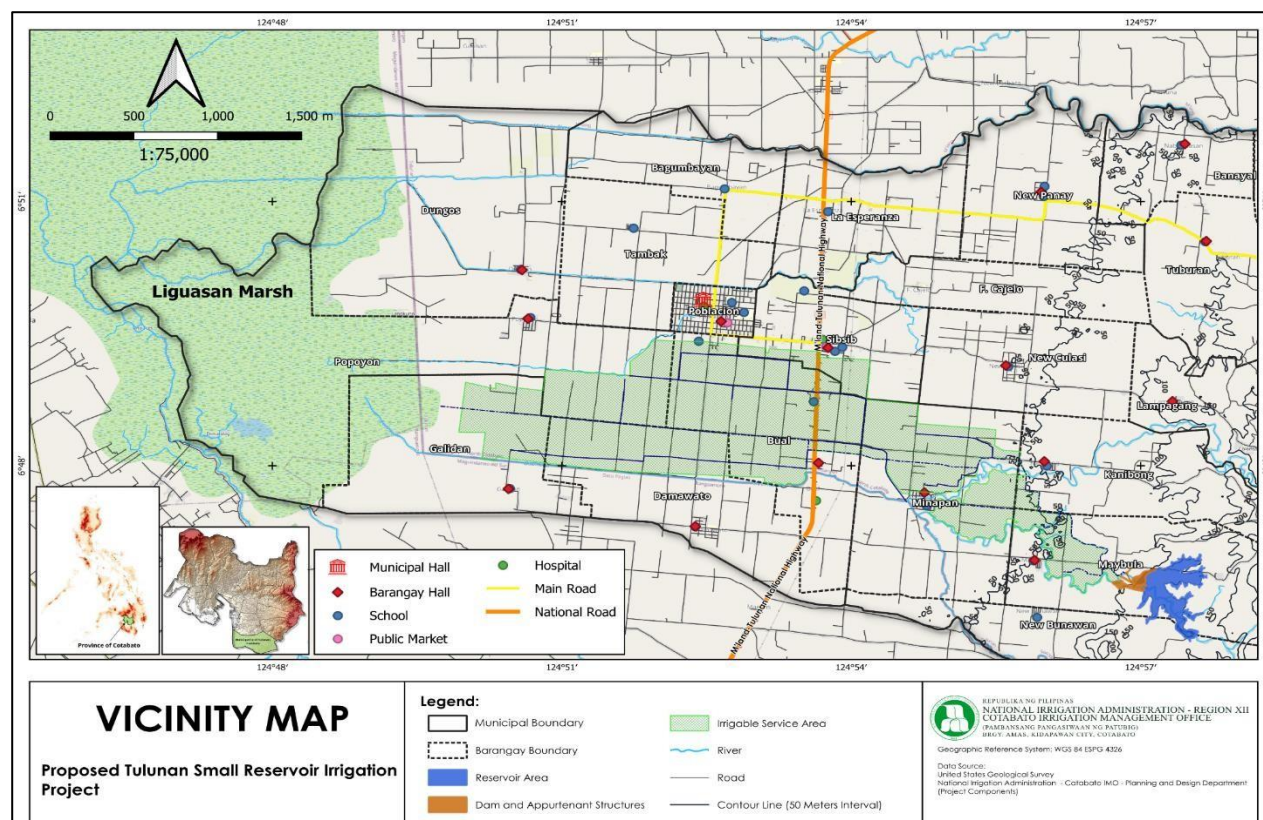
1 DESKRIPSIYON SA PROYEKTO

1.1.1 Mubo nga Deskripsyon sa Proyekto

Ang gisugyot nga Tulunan Small Reservoir Irrigation Project (SRIP) usa ka flagship irrigation system project sa National Irrigation Administration – Cotabato Irrigation Management Office (NIA-CIMO) nga nagtumong sa pagpatubig ug dugang 900 ka ektarya nga umahan sa walo (8) ka barangay sa Tulunan, Cotabato, ug dugangan ang kasamtangang 179 ka ektarya ug 734 ka ektarya o mga yutang humay nga giserbisyuhan karon sa Minapan Communal Irrigation System (CIS) ug Damawato-Bual Bayanihan CIS.

Table 1: List of Barangays Covered by the Project

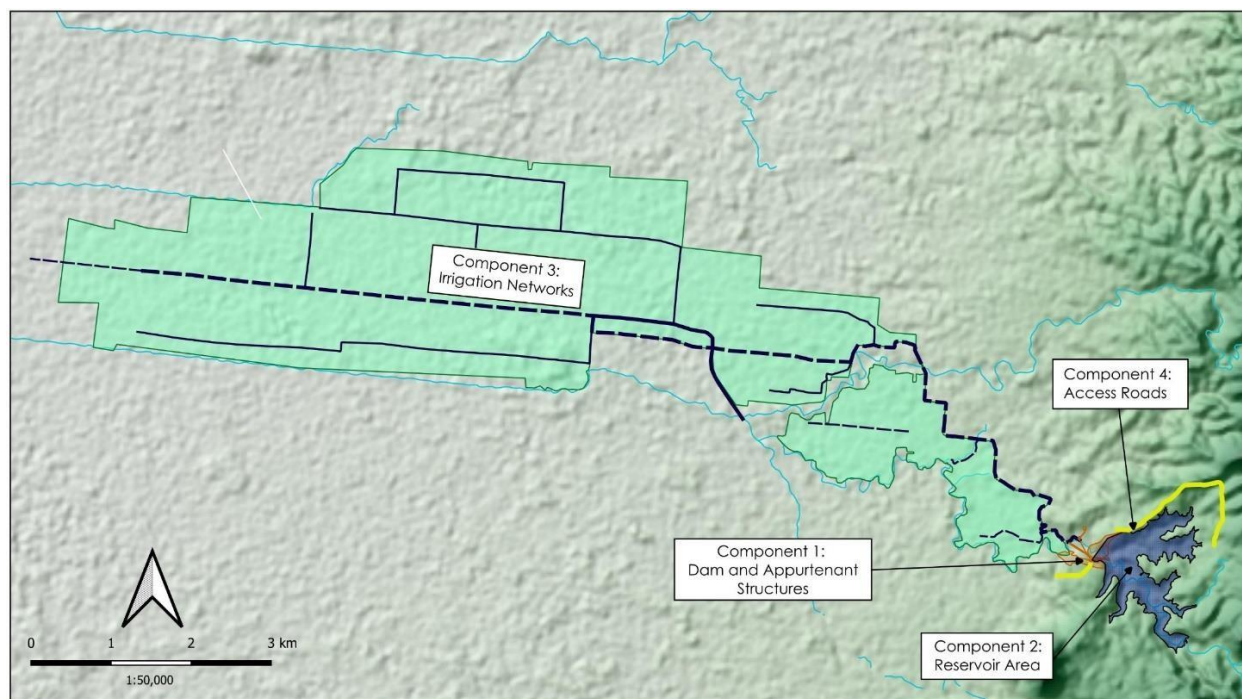
Project Component	Covered Barangays
Dam Site	Maybula
Reservoir	Maybula, New Bunawan
Canal Network and Service Areas	Maybula, Kanibong, Minapan, Bual, Damawato, Sibsib, Popoyon, and Galidan.



Larawan 1: Vicinity Map sa Gisugyot nga Tulunan SRIP

Ang proyekto naglangkob sa upat (4) ka nag-unang parte, nga mao ang:

- Komponent 1:** Pagtukod ug 34-metros nga zoned earth-fill dam ug mga kadugtong nga istruktura.
- Komponent 2:** Reservoir nga adunay total storage capacity nga 8.919 million cubic meters (MCM) ug kalapad nga 96.4 hectares.
- Komponent 3:** Pagtukod ug bag-ong mga pasilidad sa irigasyon ug drainage nga adunay gitag-on nga 14.8 km sa main canal ug 4.13 km sa lateral canals aron itubig ang mga umahan sa mga barangay sulod sa Lungsod sa Tulunan, mao ang: Maybula, Kanibong, Minapan, Bual, Damawato, Sibsib, Popoyon, ug Galidan.
- Komponent 4:** Pagtukod ug bag-ong access road padulong sa Sityo Malipayon ug New Bunawan nga adunay gitag-on nga 2.33 km ug 0.48 km.



Larawan 1: Mapa ng mga Komponentes ng Tulunan SRIP

1.1.2 Mga Hugna sa Proyekto

Ang pagpatuman sa proyekto naglakip sa mosunod nga mga hugna:

Pre-Construction Phase

- Pre-Feasibility and Feasibility Studies
- Environmental Impact Assessment ug pag-aapply sa Environmental Compliance Certificate (ECC) for the Project
- Pag-aapply sa Lainlaing Permit ug Clearances (i.e., Special Tree Cutting Permit, Project Endorsements, Clearances and Permits, etc.)
- Pag-aapply sa Certificate of Non-Overlap from the National Commission on Indigenous Peoples (NCIP);
- Pagbuhat sa Detailed Engineering Design (DED);
- Pagpatuman sa Land Acquisition and Resettlement Action Plan (LARP); and
- Pagpangita usa ka kwalipikado nga Contractor sa Proyekto pinaagi sa proseso sa bidding.

Construction Phase

- Pagtukod ug Pagpauswag sa Canal Networks
- Pagtukod sa Temporaryong Pasilidad sa Kontraktor
- Pagtukod sa Dam ug Appurtenant Structures
 - Paglimpyo sa Construction Site
 - Pagbalhin ug Pagkontrol sa Tubig sa Suba Panahon sa Pagtukod
 - Pagpangubkob ug Pagpangandam sa Pundasyon
 - Pagtukod sa Dam
 - Pagtukod sa Nalambigit nga mga Istruktura ug Mga Pasilidad sa Pagsuporta
- Pagpuno sa Reservoir ug Pag-inspeksyon sa mga Pasilidad sa Dam

Operation and Maintenance Phase

- Operasyon ug Pagmentinar sa Dam ug May Kalambigitan nga mga Istruktura ug Pagtipig sa Tubig
- Operasyon ug Pagmentinar sa mga Kanal sa Irigasyon
- Implementasyon ng Watershed Management Plan (WMP) at Irrigation Water Resources Management Plans (IWRMP)



1.1.3 Mga Alternatibo sa Proyekto ug Paggamit sa Natural nga mga Kapanguhaan

Ang proyekto gipailalom sa usa ka serye sa mga pagtuon sa wala pa madesisyonan ang katapusan nga disenyo. Ang labing kaayo nga lokasyon sa dam, tipo sa istruktura sa dam, gigikanan sa mga materyales sa konstruksyon, sukod ug sukat sa dam, kahinguhaan sa tubig, kuryente, ug uban pang mga aspeto, gikonsiderar sa panahon sa Feasibility. Yugto sa Pagtuon ug Disenyo sa proyekto. Gikonsiderar usab sa NIA ang senaryo sa proyekto nga With and Without the Project ug naila ang posibleng epekto sa dili pagpatuman sa Tulunan SRIP.

Ang talaan sa ubos nagsumaryo sa mga alternatibo nga gikonsiderar alang sa gisugyot nga Tulunan SRIP.

Talaan 2: Katingbanan sa Pangunang Alternatibo nga Gikonsidera alang sa Tulunan SRIP

Gikonsiderar na mga parameter	Mga gikonsiderar nga Alternatibo	Pinili nga mga Alternatibo ug Rason sa Pagpili	Epekto sa Kinaiyahan sa Pagpili alternatibo
Lokasyon sa Dam	Opsyon 1 (baba sa bungtod) 6°46'46" N and 124°56'49" E Opsyon 2 (taas sa bungtod) 6°46'42" N and 124°57'00" E	Ang Opsyon 2 gipili tungod kay mas taas ug mas pig-ot ang walog, tungod niini, mas taas ang kapasidad sa dam ug mas lapad nga service area na gipatubigan.	Ang Opsyon 1 adunay gamay nga reservoir area kumpara sa Opsyon 2, busa, ang Opsyon 2 kay adunay mas dako nga lugar sa yuta ug tanon nga maapektuhan.
Uri sa Dam	Opsyon 1 = Concrete Gravity Dam Opsyon 2 = Zone Earth Embankment	Opsyon 2 , zone earth embankment, ang gipili na disenyo sa dam tungod kay kini adunay mas maayo nga resistensya sa linog ug ubos nga gasto.	Kinahanglan ang gravity dam ug daghan na bulto nga kongkreto, busa, dili kayo environment friendly tungod sa greenhouse gas (GHG) emissions gikan sa kongkreto nga produksyon ug transportasyon ngadto sa dapit sa proyekto. Busa, ang Opsyon 2 labaw pa mahigalaon sa kinaiyahan.
Tinubdan sa Materyal sa Dam Embankment	Opsyon 1 = palibot sa dam Opsyon 2 = sa mga lugar nga layo sa dam	Ang materyal nga embankment sa yuta abunda sa sulod sa lugar sa proyekto; busa, ang Opsyon 1 gipili.	Ang transportasyon sa mga materyales sa pagtukod hinungdan sa negatibo nga mga epekto sa kinaiyahan sama sa polusyon, abog ug kasaba, mga pagbuga sa GHG, ug mga peligro sa kaluwasan sa publiko. Ang pagbaton ug embankment material sa palibot sa proyekto makapakunhod niini nga mga epekto. Bisan pa, adunay mga lugar nga tangtangan kung diin kuhaon ang mga materyales sa dam.
Pagpatuman o dili Pagpatuman sa Proyekto	Opsyon 1 = Pagpatuman sa Proyekto Opsyon 2 = Dili Pagpatuman sa Proyekto	Ang Opsyon 1 (Pagpatuman sa Proyekto) hugot nga gikonsiderar aron makab-ot ang mga benepisyo gikan sa proyekto sama sa produktibidad sa agrikultura, trabaho ug mga oportunidad sa panginabuhi, potensyal nga promosyon sa turismo, mas maayong mga dalan, ug uban pa. Ang kaayohan sa proyekto aron matubag ang seguridad sa pagkaon ug matubag ang mga epekto sa pagbag-o sa klima mahimong isipon nga dili malalis nga mga benepisyo sa proyekto.	Ang gisugyot nga proyekto sa dam makatabang sa pagpamenos sa pagbaha sa Brgy. Natulog.



2 PROJECT PROPONENT

Tigpasiugda sa Proyekto: **National Irrigation Administration – Cotabato Irrigation Management Office (NIA-CIMO)**
Address: Brgy. Amas, Kidapawan City, Cotabato
Contact Person: Engr. Doroteo A. Canja
Division Manager
Email: r12.northcotabato-imo@nia.gov.ph
Telepono: (064) 572-6150

3 TIMELINE SA PROYEKTO

Ang pre-construction phase sa proyekto nagsugod sa Feasibility Study niadtong 2015. Ang construction phase gilauman nga magsugod karong 2024 ug ang pagtukod sa proyekto gibanabana nga mahuman sulod sa lima (5) ka tuig. Ang Talaan 3 nagpresentar sa timeline sa mga kalihokan alang sa Tulunan.

Talaan 3: Project Timeline sa Tulunan SRIP

Mga Kalihokan sa Proyekto	Tuig								
	2022	2023	2024	2025	2026	2027	2028	2029	2030
EIA and DED									
Pagpalit sa Right-of-Way									
Bidding sa Kontraktor alang sa sa Proyekto									
Pagtukod sa Temfacil									
Dam Construction ug May kalabutan nga mga Istruktura ug Irrigation Networks									
Pagpuno sa Reservoir ug Pagtimbang-timbang sa mga Pasilidad sa Dam									
Pagsugod sa Operasyon sa Proyekto									

4 MGA NAG-UNA NGA EPEKTO SA PROYEKTO UG MGA PLANO NA SOLUSYON

Ang **Talaan 4** nagsumaryo sa listahan sa gipaabot nga dagkong epekto sa kinaiyahan sa proyekto ug sa ilang tagsa-tagsa ka mga lakang sa pagpaminus sa matag hugna sa pagpatuman sa proyekto.



Talaan 4: Environmental Management Plan (EMP) sa Tulunan SRIP

Mga Yugto sa Proyekto/ Mga Aspeto sa Kalikopan	Bahin sa Kalikopan nga Maapektuhan	Potential Impact	Options for Prevention or Mitigation or Enhancement	Residual Effects After Applying Mitigation
CONSTRUCTION PHASE				
Site clearing	Yuta	Pagtangtang sa mga tanom	<ul style="list-style-type: none"> Pag-aplay ug Special Tree Cutting Permit (STCP) sa DENR-PENRO bag-o sa Pagputol sa mga puno ug halaman. Pagmenos sa mga putulon nga kahoy pinaagi sa pag-transplant sa mga kahoy nga pwede i-earth-balled. Pagmenos sa paghawan sa mga tanom kutob sa mahimo. Sakto nga pagpatuman sa mga kondisyon nga gipahayag sa STCP sa proyekto. Pagtuman sa Watershed Management Plan (WMP). 	<ul style="list-style-type: none"> Ang tanang mga kahoy nga hawanan kay pulihan. Ang direktang apektadong mga tanom lang ang hawanan.
Mga kalihokan Pagkubkob Pagtukod sa Embankment ni Dam ug uban pa May kalabotan Istruktura Pagtukod sa mga Dalan ug Pagpahiangay Sa mga Network sa Irigasyon	Yuta	Erosyon	<ul style="list-style-type: none"> Pagmenos sa paghawan sa yuta sulod lang sa lugar sa proyekto. Pagtanom ug mga tanom sa mga apektadong lugar diin ang trabaho sa pagtukod Limpyohi ang mga ligid sa mga sakyanan ug mga heavy equipment sa dili pa mogawas sa construction area. Pag-eskedyul sa mga pagpangubkob ug pagtabon sa dam panahon sa ting-init Pagbutang ug mga silt traps ug uban pang pamaagi sa pagkontrol sa erosion. Ang dili sementado nga mga agianan sa pagtukod kinahanglan nga tabunan sa graba ug ang paglihok sa kagamitan kinahanglan nga maminusan sa panahon sa ulan. 	<ul style="list-style-type: none"> Ubos nga lebel sa siltation sa Maybula Creek. Maminusan ang lapok sa publiko nga dalan. Maminusan ang aksidente sa kadalanan tungod sa danlog nga mga dalan.
		Polusyon sa Lupa at Tubig dahil sa Hindi Wastong Pagtatapon ng Basura	<ul style="list-style-type: none"> Ang Construction Environmental Management Plan (CEMP) nga naglakip sa saktong solid waste management, kinahanglan nga estrikto nga ipatuman sa construction site Magtukod ug temporaryo nga MRF sa temfacil aron mapadali ang episyente nga pagdumala sa solid ug likido nga mga basura. Ang solid ug likido nga mga basura kinahanglang ilain, tipigan, ug ilabay depende sa kinaiyahan sa mga basura. Ang Kontraktor kinahanglang makig-alayon sa mga hingtungdan nga LGUs para sa paggamit sa anaa nga solid waste management facility sa lugar. 	<ul style="list-style-type: none"> Mga solido ug likido ang basura mahimong organisahon pinaagi sa Kontraktor. Ang polusyon sa yuta ug tubig mamenos.



	Tubig	Pagkadaot sa Kalidad sa Tubig	<ul style="list-style-type: none">• Ang Temfacil kinahanglang tukoron sa mga lugar nga dili mabahaan ug layo sa suba.• Paghatag ug saktong mga sudlanan alang sa generator sets, gasolina ug uban pa lugar nga tipiganan sa peligroso nga mga materyales.• Pag-instalar og silt ug grease traps aron mamenosan ang silt ug oil drift sa suba• Kinahanglang protektahan ang mga landfill aron dili maanod panahon sa ting-ulan nga mahimong hinungdan sa siltation ug surface water sa ubos nga bahin sa tubig• Siguruha nga ang tanan nga heavy equipment sa pagtukod naa sa maayong kondisyon para malikayan ang oil leakage.• Pagbutang ug mga septic tank o portalets aron ma-labay ug tarong ang mga hugaw nga tubig ug malikayan ang polusyon sa mga lawas sa tubig.	<ul style="list-style-type: none">• Ang polusyon sa tubig tungod sa aksidenteng spill mamenos.• Ang polusyon sa tubig nga dala sa mga kalihokan sa pagtukod makunhuran.
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Project Phases/ Environmental Aspect	Env'l Component to be Affected	Potential Impact	Options for Prevention or Mitigation or Enhancement	Residual Effects After Applying Mitigation
			<ul style="list-style-type: none"> Hustong nga pagpatuman sa maayong pagdumala sa solid waste management. Likay sa pagbutang og mga pasilidad pangkonstruksyon sama sa mga batching plants, fabrication yards, storage areas, stockpile areas, opisina, bunkhouses, motor pools, ug uban pa diha duol sa mga tubig ug mga bahaunon nga mga dapit. Kutob sa mahimo, ang pagahimuon nga pagkalot sa yuta himuon panahon sa ting-init aron mapamenos ang siltation. Kon adunay grabe nga siltation tungod sa konstruksyon, kinahanglan nga maghimog dredging sa apektadong bahin sa suba ang Kontraktor. Regular nga pagtan-aw sa kalidad sa tubig kay pagahimuon sa tibuok panahon sa konstruksyon sa proyekto. Gamiton ang MIKAMAY CIS Diversion Dam isip secondary silt trap. 	
	Tawo	<p>Pag-abot o pagpasulod sa mga trabahanteng gikan sa lain nga lugar o rehiyo</p> <p>Threat sa paghatod ug Basic Services</p> <p>Epekto sa Public Access</p> <p>Threat sa kahimusog ug seguridad sa publiko</p> <p>Kahuot sa Trapiko</p> <p>Pagpauswag sa Trabaho</p> <p>Pagtaas sa mga Oportunidad sa Panginabuhian ug Negosyo</p>	<ul style="list-style-type: none"> Prayoridad pagpangempleyo ang lokal nga mga residente, labi na ang project-affected persons (PAPs). Hatagan og construction skills trainings ang mga residente sa lokalidad aron gamay ra ang kinahanglang i-hire gikan sa gawas sa lokalidad. Paghatag ug agianan o dalan alang sa publiko sa palibot sa proyekto. Siguruhon nga ang tubig sa suba, nga gigamit sa mga komunidad sa ubos alang sa ilang mga balay, kanunay nga limpyo. Ang dili lokal nga mga trabahante kinahanglan makakuha og work permits gikan sa ilang mga tagsa-tagsa ka LGUs. Unahon ang pagpangita og lokal nga mga serbisyo/suplayer nga kompetitibo. Suportahan ang indirektang mga panginabuhian sama sa pagkaon, tuluyan, ug uban pang mga serbisyo nga may kalabutan. Ang Kontraktor ug ang tagadumala kinahanglang regular nga makig-coordinate ug mosuporta sa lokal nga LGU para sa empleyo, mga una nga serbisyo, ug kaayuhan ug seguridad sa publiko. Pag-observerbar sa pagpatuman og taas nga kalidad sa seguridad sa panahon sa trabaho sa konstruksyon aron sa pagpakunhod sa risiko sa mga aksidente. Kinahanglan nga pahamtangon ang saktong sanitasyon sa lugar sa konstruksyon ug sa mga baraks sa mga trabahante aron maundang ang pagmugna ug paglapnag sa mga sakit. Kinahanglan magbutang og flagmen ug safety personnel sa gilid sa dalan sa pag-agian sa konstruksyon aron masiguro ang seguridad sa publiko sa pagdala sa mga materyales sa konstruksyon. Kinahanglang ibutang ang mga safety signage sa mga estratehikong lugar aron pagpasidaan sa publiko sa posibleng mga peligrong dala sa mga kalihokan sa proyekto. 	<ul style="list-style-type: none"> Ang lokal nga ekonomiya mamahimong mas hataas tungod sa dugang nga kita sa komunidad tungod sa direktang ug indirektang mga oportunidad sa panginabuhian. Ang negatibong epekto sa proyekto sa komunidad maoy pahugtanon ug ang mga reklamo mahimong malikayan. Dili kaayo peligro sa mga aksidente ug sakit ang mga trabahante ug publiko.



		Pagtaas sa Kita sa Lokal nga Panggamhanan	<ul style="list-style-type: none">• Ang Contractor, pinaagi sa ilang Safety Manager, Safe Officers, ug Environmental Officer, kinahanglan nga mag-obserbar sa pagsunod mga lagda ug regulasyon nga gipatuman sa DENR, DOLE, DOH, ug LGU alang sa proyekto.	
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Project Phases/ Environmental Aspect	Env'l Component to be Affected	Potential Impact	Options for Prevention or Mitigation or Enhancement	Residual Effects After Applying Mitigation
OPERATION AND MAINTENANCE PHASE				
Kinatibuk-ang mga kalihokan sa operasyon sa dam	Tubig	Threat sa Paglungtad/Pag kawala sa Aquatic Species	<ul style="list-style-type: none"> • Siguruhon nga padayon ang pagpagawas sa tubig sa ubos sa dam. • Taasan ang kantidad sa tubig nga ipagawas kon ang sediment load sa nag-agos nga tubig mosaka. • Siguruhon ang proteksyon ug ang pagdumala sa watershed. • Pagpahigayon ug regular nga pagmonitor sa kalidad sa tubig. • Kanunay nga bantayan ang presensya sa mga tigdala sa sakit. 	<ul style="list-style-type: none"> • Ang ekolohiya sa suba sa baba sa dam ma-sustain
	Hangin	Kontribusyon sa Terminong GHG Emission	<ul style="list-style-type: none"> • Aron mamenosan ang GHG nga ibuga sa reservoir tungod sa pagkalata sa mga organikong materyales, girekomendar nga putlon sa apektadong mga tag-iya sa yuta ang tanang mga kahoy nga malubog sa reservoir sa proyekto. • Sa laing bahin, ang Kontraktor seguraduhon ang pagtanggap sa tanang mga kakahoyan nga malubog sa reservoir sa wala pa ang pagpapuno niini. 	<ul style="list-style-type: none"> • Pagbaba sa mahimong methane ug carbon dioxide gikan sa pagkalata sa mga organikong butang nga mamahimong sakop sa reservoir.
	Tawo	Threat sa Public Health and Safety	<ul style="list-style-type: none"> • Kinahanglang magbutang ug mga security personnel aron masiguro ang mga pasilidad sa dam ug pagpabalo sa publiko sa posibleng mga aksidente. • Ang mga pasilidad alang sa seguridad sama sa mga railings, guard rail, ug mga signage kinahanglan nga ibutang sa mga estratehikong lugar sa istruktura sa dam. • Ang Municipal Health Office sa LGU kinahanglan usab nga magpahigayon ug regular nga monitoring sa dam alang sa posibleng tinubdan sa mga sakit nga dala sa tubig. 	<ul style="list-style-type: none"> • Pagbaba sa risiko sa mga aksidente ug pagkaylap sa mga sakit nga dala sa tubig.



5 MGA NAILHAN NGA STAKEHOLDERS

Ang **ika-5 talaan** nagtanyag sa mga giila nga stakeholder sa gipropose nga Tulunan SRIP. Ang pag-ila sa mga hingtungdan nahiuyon sa kriterya nga gitakda sa Seksyon 5.2 sa DAO 2017-15.

Talaan 5: Stakeholders of Proposed Tulunan SRIP

Category	List of Stakeholders	Subsectors	Basis of Selection
Provincial LGU	<ul style="list-style-type: none"> Cotabato Provincial LGU 	<ul style="list-style-type: none"> Office of the Governor Environment and Natural Resources Office 	Politikal nga hurisdiksyon sa lugar ug mga benepisyaryo sa proyekto
Municipal LGUs	<ul style="list-style-type: none"> Tulunan, Cotabato LGU 	<ul style="list-style-type: none"> Mayor's Office Municipal Planning and Development Office (MPDO) Municipal Engineering Office (MEO) Municipal Agriculture Office (MAgO) Municipal Disaster Risk Reduction and Management Office (MDRRMO) Municipal Environment and Natural Resources Office (MENRO) Municipal Tourism Office (MTO) Municipal Health Office (MHO) Municipal Assessors Office (MAso) 	Politikal nga hurisdiksyon sa lugar ug mga benepisyaryo sa proyekto
Barangay LGUs	<ul style="list-style-type: none"> Maybula BLGU Minapan BLGU Kanibong BLGU Bual BLGU Damawato BLGU 	<ul style="list-style-type: none"> Sibsib BLGU Popoyon BLGU New Bunawan BLGU Galidan BLGU 	Politikal nga hurisdiksyon sa lugar ug mga benepisyaryo sa proyekto
Government Agencies	<ul style="list-style-type: none"> Department of Agriculture – R12 Department of Public Works and Highways (DPWH) – R12 Bureau of Fisheries and Aquatic Resources (BFAR) – R12 Provincial Environment and Natural Resources Office (PENRO) – Cotabato Philippine Coconut Authority Regional Office 12 (PCA-R12) Philippine Rubber Research Institute (PRRI) thru its Experimental Area in Aroman, Carmen, North Cotabato 		Mga ahensiya sa panggamhanan nga adunay relasyon sa planong proyekto
Groups that will be Displaced	Project-Affected Persons (PAPs)	<ul style="list-style-type: none"> Owners of 45 Lots that will be affected within the damsite and reservoir. Owners of crops and trees, especially rubber plantations, within the project area 	Mga direktang maapektuhan sa proyekto
NGOs/POs/ Local Institutions	<ul style="list-style-type: none"> Farmers' Associations in the Service Area <ul style="list-style-type: none"> Banana Farmers Association Damawato-Bual Bayanihan Communal IAs Lower Damawato-Popoyon Farmers IA, Inc. Minapan-Kanibong AMMUYO CIA Maybula River Irrigation System Association Minapan-Kanibong-Maybula IA (MIKAMAY) MINAPAN Irrigators Association Minapan Bayanihan Irrigators Association Kalubihan CIA Kahugpungan sa Mag-uuma sa New Panay Kag La Esperanza (KAMANEPLA) Multipurpose Cooperative Liguasan Marsh Conservation Maybula Elementary School Local Church Groups Local Women Groups Local Media 		Mga serbisyonang maapektuhan, makatabang sa pagpatuman, o mga benepisyaryo.



6 PROPONENT'S STATEMENT OF COMMITMENT

Ang NIA-CIMO gipasaligan ang mga stakeholders ug ang publiko nga ang ahensya mopahigayon sa proyekto subay sa mga balaod sa kinaiyahan sa nasud. Siguraduhon sa NIA-CIMO nga ang tanan nga nailhan nga mga epekto sa proyekto nga nahipatik sa Environmental Impact Statement (EIS) Report kay tagaan ug pagtagad sa tanang hugna sa pagpatuman sa proyekto ug ang gikinahanglan nga mga lakang siguraduhong mapatuman sa Contractor ug sa ahensya. Kung mahatag, ang ahensya kinahanglan nga motuman sa mga kondisyon sa Environmental Compliance Certificate (ECC) nga i-isyu sa Department of Environment and Natural Resources – Environmental Management Bureau (DENR-EMB).

Ang NIA-CIMO ang moako sa responsibilidad nga molihok dayon kung adunay mga reklamo o nahibal-an nga dili pagsunod ang ahensya o mga Contractor niini, kung anaa, isip bahin sa Grievance Redress Mechanism sa proyekto.

7 PAGKUHA UG KOPYA SA EIS REPORT

Ang gipirmahan ug giaprobahan nga kopya sa EIS Report ug ECC, kon itugot nga ihatag, mahimong makuha sa opisina sa NIA-CIMO sa adres ug kontak nga gihatag sa Seksyon 2.

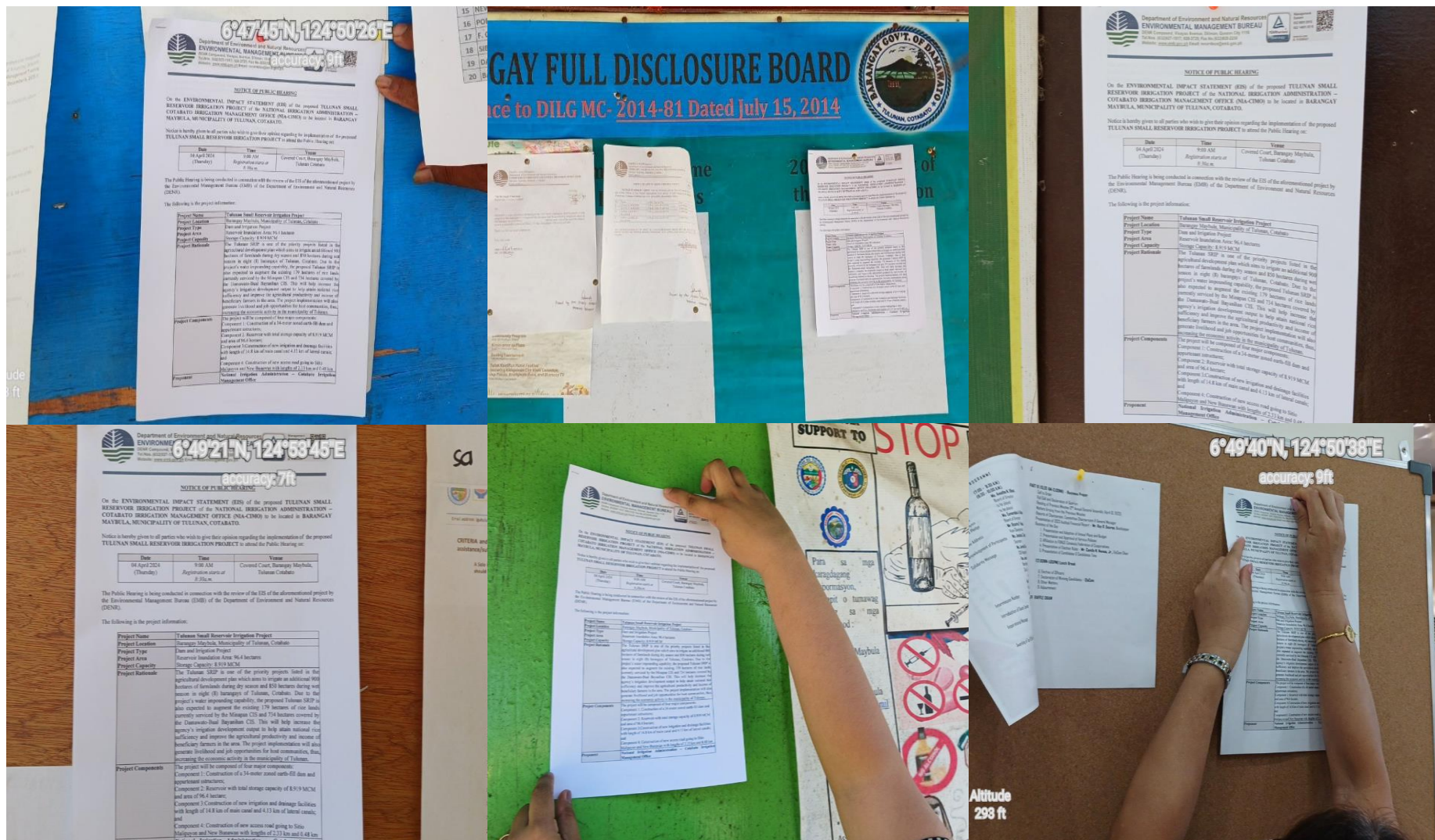
Dugang pa niini, ang Municipal LGU sa Tulunan, Provincial Environment and Natural Resources Office (PENRO) – Kidapawan City, ug DENR-EMB Region XII kay hatagan ug mga kopya sa EIS Report ug ECC sa higayon nga itugot nga ihatag na kini sa ahensya.

ANNEX F

PROOF OF POSTING OF NOTICE OF PUBLIC HEARING AT THE BULLETIN BOARD OF CONCERNED GOVERNMENT OFFICES



Posting of Public Hearing Notice at the Bulletin Board of Concerned Government Offices



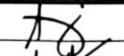

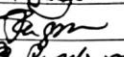
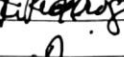

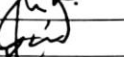

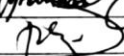

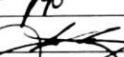

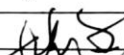
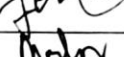
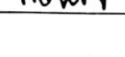
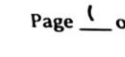




Posting of Public Hearing Notice at the Bulletin Board of Concerned Government Offices

ANNEX G

ATTENDANCE SHEET DURING PUBLIC HEARING

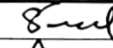


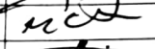
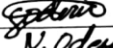
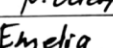
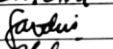
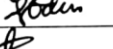
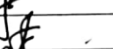
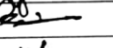

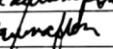
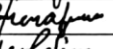
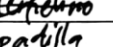
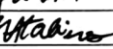

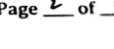





Project: **Proposed Tulunan Small Reservoir Irrigation Project (SRIP)**
Activity: **Conduct of Public Hearing**
Venue: **Maybula Covered Court, Brgy. Maybula, Tulunan, North Cotabato**
Date & Time: **April 4, 2024 (8:30 AM)**

No.	Name	Company/Agency/LGU/ Barangay	Position	Contact Number	Email Address	Gender	Signature
1	ALINE V. JACOBS	DPWH-3RD DDO	E-II	0918 4702347	jacobalaine3@gmail.com	F	
2	JOHN LORENZ A. AGUILAR	" "	ADMIN. ASST 3			M	
3	ROSELE MAB A. ANITA	" " "	E-I	0907 201 1323		F	
4	Ninfa Pagan			0953 9119781			
5	Rose Pedros						
6	Cindy Duran			090 440 8801		F	
7	JANIEC A. PABLO	NIA - CMO 1DO-A	IDO-A	0966 6654220		M	
8	RA CRISTY D. ALERMANIA	NIA - CMO	IDO-A			F	
9	Dante G. Vinada	Bgy. Maybula		0951 5452799	maybula/na	M	
10	SHOLA MIE V. PETER	NIA - CMO	IDO-A	0977 1690733		F	
11	JOHN RYAN A. DEL RIO	NIA - CMO	CKA	0965 1634824		M	
12	ROCHEL C. TOLDO	NIA - CMO	IDO-A	0909 9620095		F	
13	Pomping Gacita		Land owner				
14	Mamerto Solano Jr.						
15	Dennis V. Dula Cruz II	NIA - CMO	SA-A	0942 775768		M	
16	Ronal C. Undulas	NIA - CMO	SA-A	0920 8763090		M	
17	Charlie De Tomas			0944 7797021		M	
18	Jicle Rey De Tomas					M	
19	Solema De Tomas					F	
20	Marlon D. Gamboa	BFAR 12					



Project: **Proposed Tulunan Small Reservoir Irrigation Project (SRIP)**
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Venue: **Maybula Covered Court, Brgy. Maybula, Tulunan, North Cotabato**
Date & Time: **April 4, 2024 (8:30 AM)**

No.	Name	Company/Agency/LGU/ Barangay	Position	Contact Number	Email Address	Gender	Signature
1	Miguel T Tadiague	Maybula	BOD	09091921565		M	
2	ESPILIDON ESTOLANO	MAYBULA				M	
3	GIL TADIAGUE	BULA				M	
4	LARRY FILAGAL	MAYBULA	OWNER	09068301698		M	
5	LARRY FILAGAL		"			F	
6	Aiza Odenio	Maybula		09074135873		FF	
7	Nessie Odenio	"				F	
8	EMAI DIDDID	"				F	
9	Ana Laiza Odenio	"				F	
10	Sally Odenio	"				F	
11	DAIJ Odenio	Maybula				F	
12	Jodylyn Odenio	Maybula				F	
13	RAMIE P. DURUIN	MINAPAN	OWNER	09167583879		M	
14	JERRY P. Rella Jr.	Kanibony	Prong Pongon	0935 134 3012		M	
15	Emelyn Dalumpines	Maybula					
16	Janice Buenaflor	"					
17	Shiena Buenaflor	"					
18	Ailyn Anid	"					
19	Paulyn Padilla	"					
20	Amarel Tabieros	"					

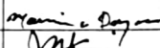




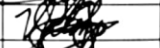


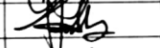

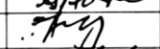
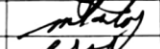
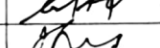
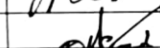
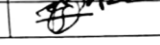
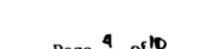
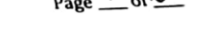





Project: **Proposed Tulunan Small Reservoir Irrigation Project (SRIP)**
Activity: **Conduct of Public Hearing**
Venue: **Maybula Covered Court, Brgy. Maybula, Tulunan, North Cotabato**
Date & Time: **April 4, 2024 (8:30 AM)**

No.	Name	Company/Agency/LGU/ Barangay	Position	Contact Number	Email Address	Gender	Signature
1	Jolito Martino	Maybula	P-5			M	J. Martino
2	Juanita Tadiaguz	Maybula				F	J. Tadiaguz
3	Lanny Jean Porras	Maybula				F	L. Porras
4	Rosemarie Porras	Maybula				F	R. Porras
5	Neuman Taboieras	Maybula				F	N. Taboieras
6	Donabel Binsie	Maybula				F	D. Binsie
7	Analiz Junga	Maybula	P-4			F	A. Junga
8	Virginia Morana	Maybula	P-4			F	V. Morana
9	Lyn Omandac	Maybula	P-6				L. Omandac
10	Lula Bedaño	Maybula	P-6				L. Bedaño
11	Lolita Oderio	Maybula	P-6				L. Oderio
12	Fidelita Latorre	Maybula	P-2	0910647747	fidelita.latorre@upg.ph	F	F. Latorre
13	Alfredo Latorre	Maybula	P-2				A. Latorre
14	Bensar J. Oka	Maybula/BTAR 12	FRD 1	0977050378	s.bensar@upg.ph	M	B. Oka
15	Maricel C. Tabieros	"	PRK 6A				M. Tabieros
16	Cholie Manalo	"	D. 4			F	C. Manalo
17	Mertyn E. Challerio	Maybula				F	M. Challerio
18	Rosemarie Dizon	Maybula				F	R. Dizon
19	Brandice M. Amar	Maybula				F	B. Amar
20	EVETH GEVENA					F	E. Gevena



Project: **Proposed Tulunan Small Reservoir Irrigation Project (SRIP)**
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Date & Time: **April 4, 2024 (8:30 AM)**

No.	Name	Company/Agency/LGU/ Barangay	Position	Contact Number	Email Address	Gender	Signature
1	Marina F. Dayan	Maybula	Land owner			F	
2	Mary Ann Rupin	Maybula	Land owner	09510411381		F	
3	Charwin L. Escote	CRMS MATRUM	Chief CRS	0985320898		M	
4	Jean Marie Fe D. Bansa	NIA-Cotabato IMB	Sup. IDO	09461255696		F	
5	GOFFREY O. RESPIZ	NIA, CMO	PRINCIPAL ENR. C			M	
6	Jose C. Hernandez	MIFA (EX) Maybula	Proj. Mgr.	09159752705		M	
7	Aldon C. Gaborillo	NIA CMO	SA-A	09553466234		M	
8	Arian V. Valenzuela	NIA CMO	SA-A	09505092635		M	
9	TUEL P. LAPATING	NIA CMO	SA-A	09079068022		M	
10	Bernabe G. Galve	NIA CMO	SA-A	09161352457		M	
11	Marlon R. Lumanan	NIA CMO	SA-A	09051047422		M	
12	Marlon B. Egayogon	NIA ELDEDE	LAND OWNER	09029466220		M	
13	Marlon B. Egayogon	NIA ELDEDE	LAND OWNER	09062933894		M	
14	Abbie M. Filasol	Maybula	Land owner	09464828262		F	
15	Taisan M. Nanding	ELBEDE COL. 51	Land owner	0955696577		F	
16	TOTO S. TANTONG	ELBEDE C. SK	TECHNICAL	09165706724		M	
17	Jack M. INDAE	ELBEDE COL. SK	LAND OWNER			M	
18	Ting R. MOLIS	Maybula	Land owner	09539157026		M	
19	ESMAEL M. DILAN	DATU PAGLAS	II	09161424044		M	
20	OMAR K. ELCAYOEN	DOMANAN DATU PAGLAS	Land owner	0967163522		M	


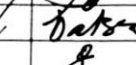

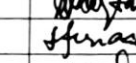
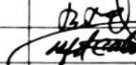
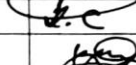

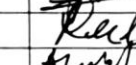

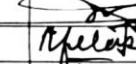


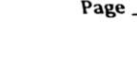






Project: **Proposed Tulunan Small Reservoir Irrigation Project (SRIP)**
Activity: **Conduct of Public Hearing**
Venue: **Maybula Covered Court, Brgy. Maybula, Tulunan, North Cotabato**
Date & Time: **April 4, 2024 (8:30 AM)**

No.	Name	Company/Agency/LGU/ Barangay	Position	Contact Number	Email Address	Gender	Signature
1	MOSIE M ENDAL	ELBEBE DAFU AS	BRGY KAGAWAL			M	<i>[Signature]</i>
2	LOLEX T. MUHAMMAD	ELBEBE COI. SUL. KUB.	FARMER	097549259		M.	<i>[Signature]</i>
3	MANDRO KATONICA	ELBEBE COI. SUL. KUB.	FARMER			M.	<i>[Signature]</i>
4	Elizabeth Tacayan	Maybula	Farmer			F	<i>[Signature]</i>
5	Tomasio F. Ruman	Maybula	Farmer			M.	<i>[Signature]</i>
6	VICTOR ANGELO A. GARAMPIL	MISA	President	0919-292-6664		M	<i>[Signature]</i>
7	Jimmy M. Maybula	Maybula	Councilor	0930798263		M	<i>[Signature]</i>
8	RACHEL A. CAMANGA	Maybula	owner	09606057968		F	<i>[Signature]</i>
9	Orlene R. Raman	Maybula	owner	0912746603		F	<i>[Signature]</i>
10	HENRY M. BAYOTAN	PRGA MAYBULA	LAND OWNER	09635922579		M	<i>[Signature]</i>
11	Mernelisa Matias	Maybula	Land Owner			F	<i>[Signature]</i>
12	RONILYN D. TANATE	MAYBULA	Land Owner	09389614068		M	<i>[Signature]</i>
13	Amora Filasol	11	11			F	<i>[Signature]</i>
14	Ardelita Filasol	Maybula	Land owner	09510389915		F.	<i>[Signature]</i>
15	Lenny Cresencio	Maybula	Land owner	0995930-8031		F.	<i>[Signature]</i>
16	Lorika Paguansan	11	11	0955642473		F	<i>[Signature]</i>
17	Alfred S. Matias	Minapan	Land Owner	09101763971		M	<i>[Signature]</i>
18	Felix Do Asis	Maybula	11			M	<i>[Signature]</i>
19	mariafer F Emig	maybula				m	<i>[Signature]</i>
20	Jessie Gupson	EMBIZ	ST.ONS	09396224786		M	<i>[Signature]</i>



Project: **Proposed Tulunan Small Reservoir Irrigation Project (SRIP)**
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No.	Name	Company/Agency/LGU/ Barangay	Position	Contact Number	Email Address	Gender	Signature
1	RENAN SILVESTRE	POB. TULUNAN	OFFICE REP. OF CONG. GADANAN	0950790108		M	
2	TAMMY ECKATUGEN	ELBESE, DATU PAGLAS	SECRETARY	09755763245	tanmehy@icloud.com	M	
3	DANON ECKATUGEN	ELBESE, DATU PAGLAS	LAND OWNER	0976786965		M	
4	OTIK ECKATUGEN	ELBESE, DATU PAGLAS	LAND OWNER	09755763245		M	
5	MEVIA MALIGA	DEWAWAN, DATU PAGLAS	LAND OWNER			M	
6	SATID M. NAWDING	ELBESE, COMUNIDAD SK	LAND OWNER	09559373099		M	
7	Julius T. FERNANDO	Minapan Tul north cot	LAND OWNER	09294415472	fernando	M	
8	RONILLO TASAN	Bogontapay mlang	LAND OWNER	11	Romelo	M	
9	GRACE D. CABALLERO	MAYBULA	TINANT	09519821269		F	
10	DOMINGO A. CABALLERO	"				M	
11	CHRISTINE UMAL	NEW BUNAWAN	TINANT	09190233054		F	
12	Dionisio P. Proencio	May Bula	Land owner	09753972015			
13	Candelario B. Edombingo	Maybula	Land owner	09184437556		M	
14	Ramon S. Delaraban	Purok 5 pob Jul.	Land owner	09108815		M	
15	Alfreda B. Filad	ELBESE, DATU PAGLAS	Barangay Kapitan	09350236488		M	
16	Lito Caballero	Maybula	Tinant	0906637650		M	
17	M. Vanicgo	Minapan	brgy kyd	09558509726		M	
18	Maria B. Filad	ELBESE, DATU PAGLAS	Brgy. Kagawad	09758305488		F	
19	Juanita Tadiague	P-2 Maybula	Tinant	09309884466		F	
20	Marwin Quinonero	MINAPAN	owner	09393385380		M	



Project: **Proposed Tulunan Small Reservoir Irrigation Project (SRIP)**
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No.	Name	Company/Agency/LGU/ Barangay	Position	Contact Number	Email Address	Gender	Signature
1	JONADEL CRATE L. XSUMD	Deped - Maybula EC	Admin (Officer II)	0926082235	jcrat@deped.gov.ph	F	[Signature]
2	GEORGE SILVEDERIO	EMB - CO	Tech Staff	850-2378	ein@emb.gov.ph	M	[Signature]
3	MA. DIVINA DUNALAYANG	BUAI TULUNAN		09182852480	divina.dunalayang@buaidev.com	F	[Signature]
4	TORRESITA PEREZ	EMB - Pw. Can	Pw. Can		trperez@up.edu.ph	F	[Signature]
5	JE Roland GANAYO	EMB - CO	Tech Staff	859 4352	cic@emb.gov.ph	IA	[Signature]
6	Alphonso Dodelo	Bunawan	Laborer	09679272009		M.	[Signature]
7	Alexander Oquino	Maybula	V President			M	[Signature]
8	Lilibeth J. Pedriso	Minapan	Brgy Kgd	09090226295		F	[Signature]
9	ARIEL JAY P. CUNAHAP	SIBSIB	PRGY. KAGAWAD	0919 620 1403		M	[Signature]
10	CHYZEL PABLO	SIBSIB	PRGY. KAGAWAD	0909 980 8876		M	[Signature]
11	Noli M. Fernandez	Minapan	Brgy Kgd	2901 840 5727		M	[Signature]
12	Math b. Porras	Maybula	TUNAO PRES.	09658947620		F	[Signature]
13	ROXIE F. AMAR	MAYBULA	Pres.			hi.	[Signature]
14	Ray M. Bayotlang	MAYBULA		2930209296		M.	[Signature]
15	Felipe Quianay	MAYBULA				F	[Signature]
16	Archie Daguan F.	Minapan Tuli.	Purd 2	0965038611		M	[Signature]
17	SEFA ANAGSA	Minapan	BOD	09854563747		F	[Signature]
18	Luzminda C. Talta	Maybula	P. 5			P.	[Signature]
19	Analiza A. Jungco	Maybula	P. 5			F	[Signature]
20	Federico F. Francisco	Maybula	P. 5			F	[Signature]

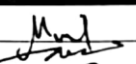

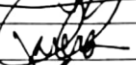



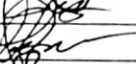
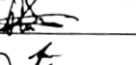
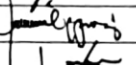
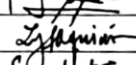
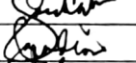

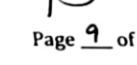






Project: **Proposed Tulunan Small Reservoir Irrigation Project (SRIP)**
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Date & Time: **April 4, 2024 (8:30 AM)**

No.	Name	Company/Agency/LGU/ Barangay	Position	Contact Number	Email Address	Gender	Signature
1	Rachel Robinos	Maybula				F	Rachel
2	Luz A. Fernando	Minapan				F	
3	Bernard Fernando	Maybula	brgy. Kagawad	0961085457		M	
4	Lalygen B. Boston	Maybula		09343388571			
5	Teresta P. Carlos	Maybula					
6	RHEZAN P. OBRION	Sibitil	Land Owner	09094066440		M	
7	Angolina Jungco	Maybula					
8	Harry Talamas	R.P. Maybula	ICHS	09077305237		M	
9	Melanie Polanco	Maybula					
10	DEL P. DUVANO	Popayan	P.B.	09107600148			
11	Nicky L. Escollar	Popayan	Brgy. Secretary	09262600230		F	
12	Rose ann B. Gumban	Popayan	Brgy. Treasurer			F	
13	Reynold Pillones	Popayan	Brgy. Kagawad			M	
14	Vivian Pagayon	Popayan	Brgy. Kagawad			F	
15	Richard Carigay	Maybula	carigu			M	
16	Lary Gngoro	Minapan	Brgy. Kagawad			M	
17	Maraldyn D. Piday	Maybula				F	
18	Regalva Piday	Sitio Pagayon Silang				F	
19	ROBERTO D. FRASOL	MINAPAN	LAND OWNER				
20	LARRY D. FRASOL	MINAPAN	LAND OWNER				



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No.	Name	Company/Agency/LGU/ Barangay	Position	Contact Number	Email Address	Gender	Signature
1	JULIUS MARK MACAHILLO	NIA RO XII	Environmental Analyst	09531054794	mcahillos1@gmail.com	M	
2	ATTY. NORLAINE C. OMAA	NIA RO XII	Attorney IV	0936 923 9180	n.lainicovar@gmail.com	F	
3	DOANITO E. OMAA	NIA - OMAA	Dir. NIA A	0945 869 6729	omaaing@gmail.com	M	
4	JONATHAN TABARA	PEGAH	BOARD MEMBER			M	
5	JOEMAR S. CERESO	PLGU (LOT. Prov.)	BOARD MEMBER			M	
6	IVY DALUMPINES-BALLITO	PLGU OT	BOARD MEMBER			M	
7	REY M. DOMINGO	DA - XII	APCO - Gt. Province	0939 967 2581	reymdomingo@gmail.com	M	
8	ANTONIO A. BEDAÑO	PEGAH MAYBULA	G.B. MAYBULA	0929 903 2884		M	
9	EMMANUEL S. PUERTO	LGU - TULUNAN	MUN. ENCL	0935 026 4862		M	
10	RIDLEY BALONIS	391B				M	
11	ARKEE CELIZ	391B				M	
12	ALADIN BASUN	391B				M	
13	RODOLFO AMBIAAN	391B				M	
14	ANASTACIO JUNGLO	391B				M	
15	RECIL P. ESPURA	Brgy. Recond Keyer	BRK	0951 041 1782		F	
16	JINAME T. TABAOSARES	Brgy. Maybula	UTILITY	0994 227 8072		F	
17	LEON GEE T. OGUINA	Brgy. Maybula	UTILITY	0967 103 179		M	
18	IRENE M. CABALLERO	"	DEPUTY SECRETARY			F	
19	JONAS A. PADRONES	"	DEPUTY TREASURER			F	
20	MA TERESA T. CAMIRINU	"	DEPUTY KAGAWAD			F	



Project: **Proposed Tulunan Small Reservoir Irrigation Project (SRIP)**
Activity: **Conduct of Public Hearing**
Venue: **Maybula Covered Court, Brgy. Maybula, Tulunan, North Cotabato**
Date & Time: **April 4, 2024 (8:30 AM)**

No.	Name	Company/Agency/LGU/ Barangay	Position	Contact Number	Email Address	Gender	Signature
1	BRYAN M. KANAKAN	BLGU BAMAUN	KLOWD	09553191688		M	
2	ALFAMAMA M. NALCO	BNYS MAYBULA	LAND OWNER	09279139534		MALE	
3	Rodolfo A. Tuya	EMP XII	SY. CHS	0998257540		M	
4	Jerry D. Durac	OTAC	Local Person	09805963628		M	
5	NESTOR G. MAGALAN	MICAMAY CIA	PRES			M	
6	GORDON F. BUCARAKOR	MISA-V-PRES	MISA-V-PRES	09814999364		M	
7	EMETERIO D. TABAOSARES JR	MAYBULA	PAROK- Pres.	09929799806		M	
8	FRANCISCO TADIQUE	MAYBULA	B.PAT			M	
9	ANTONIO TABACORD	MAYBULA	PAROK: Pres.			M	
10	Leonisa A. Anuar	Maybula	Bayang Silang	09565725349		M	
11	EDMUNDO P. VAREGAS	ELIZC	Residence	09219845173		M	
12	Rahma M. Indal	Elbebe	Womers	09059476010		F	
13	DM N. Indal	Elbebe	Chairman	"		M	
14	Jahid M. Nardim	Elbebe Cumbon	Kagawad			M	
15	Laine S. Camparan	DEBUA	Pres	09472363466		M	
16	Laine V. Camparan	"	member			F	
17	QUERICO T. Tahad	Maybula	Nice PRES.			M	
18	ZORIANO L. Prasista	Maybula	R. G B				
19	Myinda O. Prasista	Maybula	R. G B				
20	Roselda A. Caballero	Maybula	P. G A Land owner			F	

21. ENRIQUEZ, CHIRIATHJEAN C. NIA - CMO
22. EMMANUELOUISE B. MARILAO NIA - CMO
23. FAROOLAHUE, JOHN VICTOR NIA - CMO
24. AMY B. MARILAO NIA - CMO

PROJECT COOR 0923803781
PROJECT COOR 09127883356
PROJECT COOR 09304533476
PROJECT TEAM LEADER, nardimab4444

F
F
M
M

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ANNEX H

PUBLIC HEARING PRESENTATION

EMB – Central Office Presentation No. 1

Department of Environment and Natural Resources Environmental Management Bureau


OBJECTIVES OF PUBLIC HEARING



Department of Environment and Natural Resources Environmental Management Bureau

PUBLIC HEARING


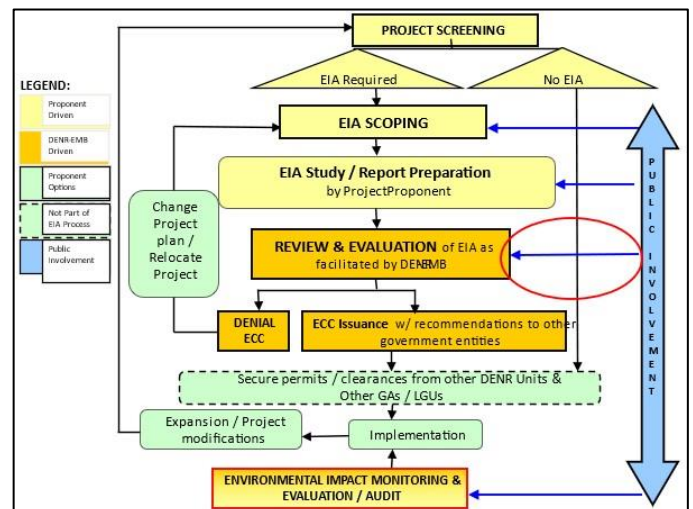
- Part of the EIA Process
- Form of a Public Participation
- Pursuant to Presidential Decree 1586 and DENR Administrative Order 2003 -30



Department of Environment and Natural Resources Environmental Management Bureau

ENVIRONMENTAL IMPACT ASSESSMENT (EIA)

EIA is a planning and management tool that will help government, the proponent, the affected communities and other decision makers assess whether the benefits of the project will outweigh the negative consequences or risks on the environment

Department of Environment and Natural Resources Environmental Management Bureau

OBJECTIVES OF PUBLIC HEARING

- to verify the accuracy of the EIA findings in relation to the situation on the ground;
- to confirm that all the affected parties and stakeholders have been adequately consulted and have been part of the various decision-making processes;
- to offer the affected and interested parties, as well as other stakeholders, the opportunity to express their opinions on any issues considered outstanding; and
- to promote effective public participation and ensure confidence in the EIA process as well as support for the proposed undertaking.

Department of Environment and Natural Resources Environmental Management Bureau

ENVIRONMENTAL COMPLIANCE CERTIFICATE (ECC)

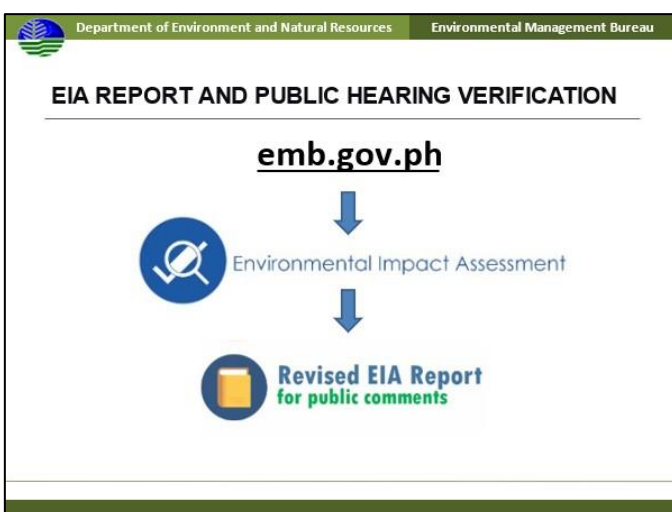
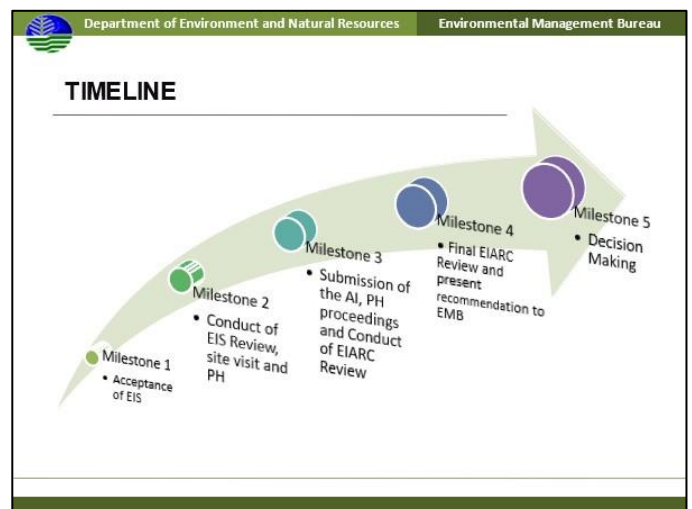
- Application **decision document** issued to the proponent after thorough review of the EIA Report
- It outlines the commitments of the proponent which are necessary for the project to **comply with existing environmental regulations** or to **operate within the best environmental practice** that are not currently covered by existing laws

Note:

- ECC is not a permit
- Issuance of ECC does not guarantee project implementation



EMB – Central Office Presentation No. 2



CONTACT DETAILS:

ENGR. GILBERT C. GONZALES
Director and concurrent Assistant Secretary for Field Operations

ENGR. ESPERANZA A. SAJUL
Chief, Environmental Impact Assessment and Management Division

Telephone No.: 8539-4378 loc 116
Email Address: eia@emb.gov.ph / recordsco@emb.gov.ph



EMB – Central Office Presentation No. 3

RULES OF PUBLIC HEARING

- Ang public hearing ay gagawin sa Tagalog. Gayunpaman, maaari pa ring gamitin ang lengguwahe kung saan kayo mas komportable .
- Ang sinumang may gustong sabihin sa open forum ay dapat itaas ang kanyang kamay upang mapayagang magsalita ng hearing officer.
- Ang mga komento at suhestyon ay maaari ding isulat sa ipapamahaging papel at ibigay sa tauhan ng DENR.
- Gamitin ang mikropono sa pagsasalita sapagkat ang mga pangyayari ay itinatala

- Kung magsasalita sa unang pagakataon, sabihin ang pangalan, opisina/organisasyon na iyong nirerepresenta at ang iyong posisyon.
- Lahat ng presentasyon at katanungan ay dapat maikli, malinaw at direkto. Iwasan ang paggawa ng mahahabang pagsasalita upang magamit ng husto ang partisipasyon ng publiko at upang makamit ang objektib ng public hearing.
- Ang mga komento ay dapat gawin bilang kinatawan ng interes ng publiko at hindi pansarili ng sa gayon ay nakapokus ang lahat sa isyung pinaguusapan.

- Makinig sa taong nagsasalita at iwasan ang paggawa ng anumang nakakabulabog .
- Ano man ang nararamdaman tungkol sa sinasabi ng taong nagsasalita ay dapat itong ipagtimpi at hintayin ang pagkakataong makapagsalita. Irespeto ang opinion ng iba at ang hindi pagsang-ayon ay dapat isatinig ng maayos.
- Ang hearing officer ay may karapatang palabasin ang indibidwal o grupo na patuloy na nakakagulo sa ginagawang hearing kung hindi pa rin ito tumigil matapos bigyan ng tatlong babala ng Hearing Officer.

EIA Study Team Presentation



PROJECT DETAILS									
Name of Project:	TULUNAN SMALL RESERVOIR IRRIGATION PROJECT (SRIP)								
Project Location:	Municipality of Tulunan, Province of Cotabato, Region 12, Philippines								
	<table> <tr> <th>Project Component</th><th>Covered Barangays</th></tr> <tr> <td>Dam Site</td><td>Maybula</td></tr> <tr> <td>Reservoir</td><td>Maybula, New Bunawan</td></tr> <tr> <td>Canal Network and Service Areas</td><td>Maybula, Kanibong, Minapan, Bual, Damawato, Sibsib, Popoyon, and Galidan.</td></tr> </table>	Project Component	Covered Barangays	Dam Site	Maybula	Reservoir	Maybula, New Bunawan	Canal Network and Service Areas	Maybula, Kanibong, Minapan, Bual, Damawato, Sibsib, Popoyon, and Galidan.
Project Component	Covered Barangays								
Dam Site	Maybula								
Reservoir	Maybula, New Bunawan								
Canal Network and Service Areas	Maybula, Kanibong, Minapan, Bual, Damawato, Sibsib, Popoyon, and Galidan.								

PROJECT DETAILS	
Nature of Project:	Dam and Irrigation Project
Project Size:	Dam Height - 34 m Reservoir Inundation Area - 96.4 hectares Storage Capacity - 8,919 MCM Irrigable Area - 900 hectares (WS) and 850 hectares (DS) (new areas) 913 hectares (augmentation of existing area)
Project Category:	Category A: Environmentally Critical Projects, NEW

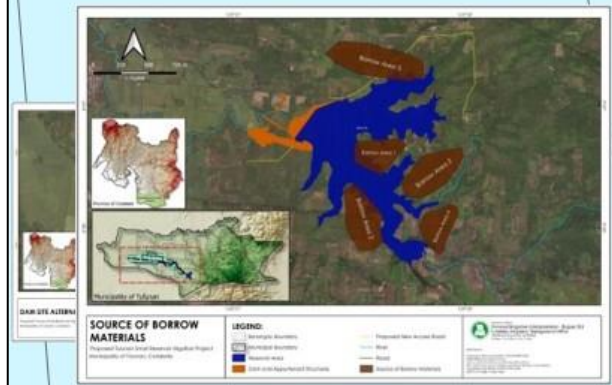
PROJECT DETAILS	
Project Components:	<ul style="list-style-type: none"> Component 1: Construction of a 34-meter zoned earth-fill dam and appurtenant structures Component 2: Reservoir with total storage capacity of 8,919 MCM and area of 96.4 hectares Component 3: Construction of new irrigation and drainage facilities with length of 14.8 km of main canal and 4.13 km of lateral canals Component 4: Construction of new access road going to Sitio Malipayon and New Bunawan with lengths of 2.33 km and 0.48 km, respectively.
Project Cost:	Php 2.43 Billion

PROJECT DETAILS	
Project Proponent:	National Irrigation Administration - Cotabato Irrigation Management Office (NIA-CIMO) Brgy. Amas, Kidapawan City, Cotabato
Contact Person:	Engr. Doroteo A. Canja Division Manager Email: r12.northcotabato-imo@nia.gov.ph Telephone: (064) 572-6150

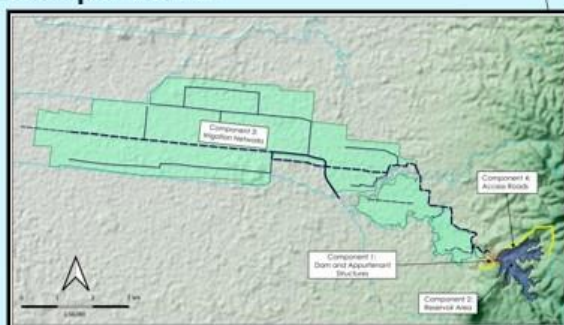
Project Alternatives

Alternatives Considered	Technology/Design Options	Selected Option and Reason for Selection	Impact on Environment
Dam Location	Option 1 (lower hill) 6°46'46" N and 124°56'49" E Option 2 (upper hill) 6°46'42" N and 124°57'00" E	Option 2 is selected due to higher and narrower valley, thus, higher dam capacity and wider irrigable service area.	Option 1 will have smaller reservoir area compared to Option 2 , therefore, Option 2 will have larger affected land area and vegetation.
Type of Dam	Option 1 - Concrete Gravity Dam Option 2 - Stone Earth Embankment	Option 2 , stone earth embankment, was chosen dam design because it has better resistance to earthquakes but lesser cost.	Gravity dam requires a huge volume of concrete, thus, less environmentally friendly due to greenhouse gas (GHG) emission from concrete production and transportation to the project site. Thus, Option 2 is more environment friendly.
Source of Embankment Materials	Option 1 - source within the project area Option 2 - source outside the project area	Soil embankment material is abundant within the project area, thus, Option 1 is preferred.	Transporting construction materials generates negative impact in terms of dust and noise pollution, GHG emission, and risk to public safety. Sourcing embankment material in the vicinity of the project will minimize these impacts. However, there will be areas that will be cleared where the soil embankment materials will be extracted.
With and Without the Project	Option 1 - With the Project Option 2 - Without the Project	Option 1 (With the Project) is highly considered to attain the optimum benefits from the project in terms of agricultural productivity, employment and livelihood opportunities, potential boost of tourism, and better accessibility, among others. The project's benefits to address food security in the country and address impacts of climate change can be considered indefensible.	The proposed dam project helps mitigate flooding in Brgy. Minsuan.

Project Alternatives



Project Components



Project Components



Indicative Project Timeline

Project Activities	Year									
EIA and DED	2022	2023	2024	2025	2026	2027	2028	2029	2030	
ROW Acquisition										
Bidding for Contractor of the Project										
Construction of Temfacil										
Construction of Dam and Appurtenant Structures and Irrigation Networks										
Filling of the Reservoir and Testing of Dam										
Start of Project Operation										

The EIA Study

EIA Study Team

Professional	Position/Expertise	EIA Preparer Registration Number
Aris B. Marilao	Environmental Specialist/ EIA Team Leader	IPCO-476
Dr. Andie John D. Tadeo	Terrestrial/Freshwater Ecologist	IPCO-479
Roldan C. Paraguison	Agriculturist/ Watershed Specialist	IPCO-478
Jeanne Anne R. Alcantara	Social Safeguards/RAP Specialist	-
Jeanne Norie A. Rivera	GIS Specialist	IPCO-477
Dan Carlo S. Fajardo	Geologist	-

EIA Study Timeline

EIA Activities	Date Conducted
1. Conduct of IEC and Perception Surveys	September 7 - 9, 2022
2. Submission of Request for Public Scoping	September 21, 2022
3. Public Scoping for Proposed Tulunan SRIP	October 21, 2022
4. Submission of Public Scoping Report	November 3, 2022
5. Technical Scoping with EIA Review Committee	December 12, 2022
6. Conduct of 1 st Site Surveys: • FGDs with LGUs, PAs, and Other Stakeholders • Social Surveys on PAs and Farmers • Surface Water Quality Survey (dry season)	January 15 - 20, 2023
7. Site Inspection with MGB-R12	February 27 - March 1, 2023
8. Field base Investigation (FBI) with the NCIP-Cotabato	March 9, 2023
9. Conduct of 2 nd Site Surveys: • FGDs with LGUs, PAs, and Other Stakeholders • Social Surveys on PAs and Farmers • Surface Water Quality Survey (wet season) • Groundwater Quality Survey • Air and Noise Quality Survey • Joint Inspection at Maybula Bat Cave	June 9 - 16, 2023
10. Profiling of Maybula Bat Cave	June 18-20, 2023
11. Submission of Draft EIS Report to EMB-CO	September 4, 2023
12. Joint Inspection inside the Maybula Bat Cave with DENR-CENRO and Tulunan LGU	September 8, 2023
13. Prefederal Screening of Submitted Draft EIS Report	September 5 - 21, 2023
14. Submission of Revised Draft EIS Report	October 14, 2023
15. Acceptance of EMB-CO of the Revised Draft EIS Report	November 24, 2023

Summary of KIIs, FGDs, and Public Consultations Conducted

KII/FGD	Date Conducted
1. Courtesy Meeting with Tulunan LGU (Office of the Vice Mayor)	September 7, 2022
2. Courtesy Meeting with Maybula BLGU	September 7, 2022
3. FGD with Brgy. Maybula Officials and PAs	September 8, 2022
4. FGD with Farmers of Brgy. Minapan	September 8, 2022
5. FGD with Bual and Damavato Farmers	September 8, 2022
6. Public Scoping for Proposed Tulunan SRIP	October 21, 2022
7. KII with Minapan Brgy. Captain	January 15, 2023
8. FGD with NIA-CMO and NIA-R12	January 16, 2023
9. FGD with Brgy. Minapan LGU Officials	January 17, 2023
10. KII with Brgy. New Binawan Captain	January 18, 2023
11. Meeting with Tulunan Municipal Council, Brgy. Minapan Officials, NIA-CMO, and SEIA Study Team	Jan 19, 2023
12. KII with MAO Personnel	June 9, 2023
13. KII with Tulunan LGU MPDC	June 9, 2023
14. FGD with Banana Farmers of Tulunan	June 9, 2023
15. FGD with the Tulunan United Rubber Planters Association (TURPA) and Residents of Sitio Malipayon	June 10, 2023
16. KII with Brgy. Calidan Captain Sinduhik A. Tall	June 14, 2023
17. FGD with Brgy. Kambong Officials and Farmers	June 14, 2023
18. FGD with Damavato LGU Officials and Farmers	June 15, 2023
19. KII with Brgy. Popoyan Officials	June 15, 2023
20. FGD with Brgy. Bual Officials	June 16, 2023
21. FGD with Brgy. Sibuh Officials	June 16, 2023

Rice Production Statistics

Table 1-3: Rice Production Statistics in Mindanao and Region XII				
Region/Province	Rice Production (2022)	National	Mindanao	Region
Northern Mindanao	814,739	4.1 %	20.9 %	
Davao Region	490,254	2.5 %	12.6 %	
CARAGA	520,181	2.6 %	13.4 %	
BARMM	825,878	4.2 %	21.2 %	
SOCCSKSARGEN	1,244,278	6.3 %	31.9 %	
Cotabato	510,973	2.6 %	13.1 %	41.1 %
Sarangani	39,744	0.2 %	1.0 %	3.2 %
South Cotabato	299,555	1.5 %	7.7 %	24.1 %
Sultan Kudarat	394,867	2.0 %	10.1 %	31.7 %
Philippines	19,760,000	100.0 %		

Source: Philippine Rice Research Institute (www.phirice.gov.ph)

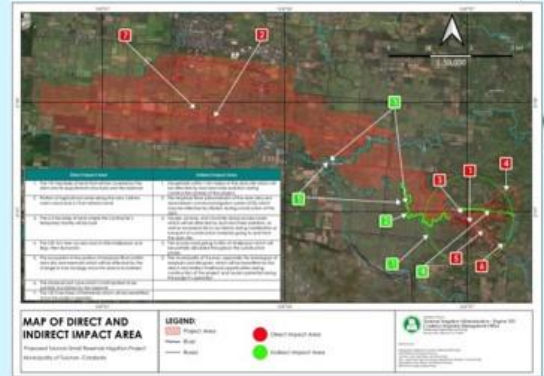
Drought in 2016 and 2019 caused rice production problems in Tulunan.

Project Alternatives

Table 1-4: Cropping Area and Intensity With and Without the Project

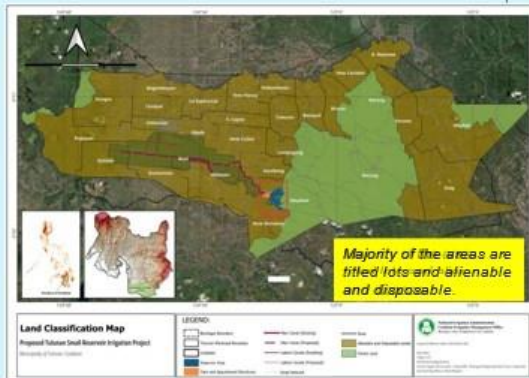
Land Use	Present and Future Without the Project				Future With the Project			
	Wet Season		Dry Season		Wet Season		Dry Season	
	Area (ha.)	Percentage	Area (ha.)	Percentage	Area (ha.)	Percentage	Area (ha.)	Percentage
Paddy Rice								
Irrigated by Gravity	759	41.86%	759	41.86%	1,813	100%	1,763	97.24%
Rainfed	700	38.61%	0	0.00%	0	0.00%	0	0.00%
Subtotal	1,459	80.47%	759	41.86%	1,813	100%	1,763	97.24%
Cropping Intensity	122.34%				197.24%			
Banana								
Irrigated by Gravity	154	8.49%	154	8.49%				
Rainfed	200	11.03%	200	11.03%				
Subtotal	354	19.53%	354	19.53%				
Cropping Intensity	39.05%							
Fallow/Unutilized								
	0	0.00%	700	38.61%	0	0.00%	50	2.76%
Total Cropped Area	1,813		1,113		1,813		1,763	
Total Cropped Area (annual)								
			2,926				3,576	
Total Cropping Intensity	161.39%				197.24%			

could potentially return to rice

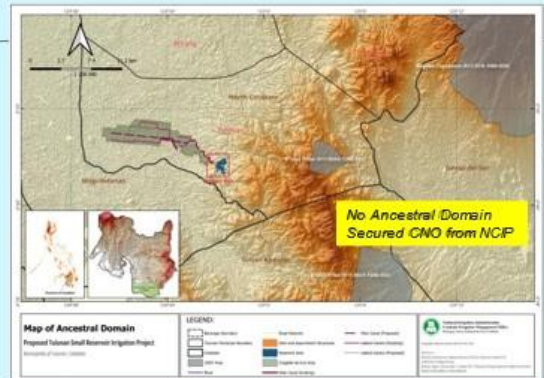


Direct Impact Area	Indirect Impact Area
1. The 110 hectares of land that will be covered by the dam and its appurtenant structures and the reservoir	1. Households within 1 km radius of the dam site which will be affected by dust and noise pollution during construction phases of the project.
2. Portion of Agricultural Lands along the new 14.8 km main canal and 4.13 km lateral canal	2. The Maybula River (downstream of the dam site) and downstream communal irrigation system (CIS) which may be affected by siltation during construction of the dam.
3. The 2.3 hectares of land where the Contractor's temporary facility will be built.	3. Houses, schools, and churches along access roads which will be affected by dust and noise pollution, as well as increased risk to accidents during mobilization or transport of construction materials going to and from the dam site.
4. The 2.81 km new access road to Silo Malpayon and Brgy. New Bunawan.	4. The access road going to Silo of Malpayon which will be partially disturbed throughout the construction phase.
5. The ecosystem in the portion of Maybula River (within dam site and reservoir) which will be affected by the change in river ecology once the area is inundated	5. The municipality of Tulunan, especially the barangays of Maybula and Minapani, which will be benefited by the direct and indirect livelihood opportunities during construction of the project and tourism potential during the project's operation
6. The Maybula bat cave which is anticipated to be partially inundated by the reservoir.	
7. The 1813 hectares of farmlands which will be benefited once the project operates	

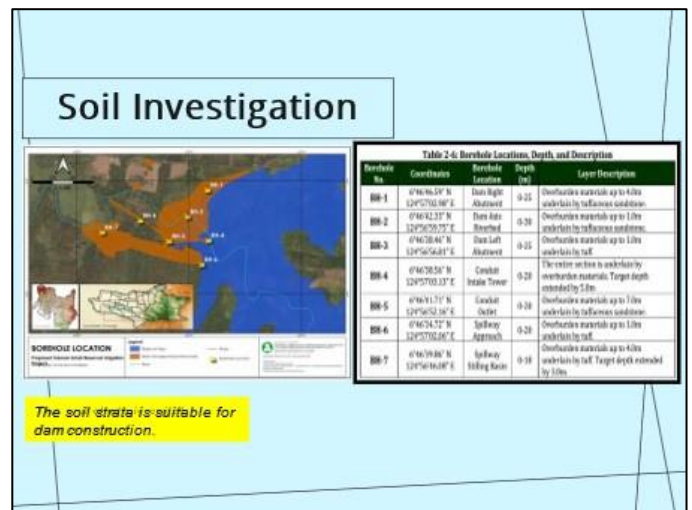
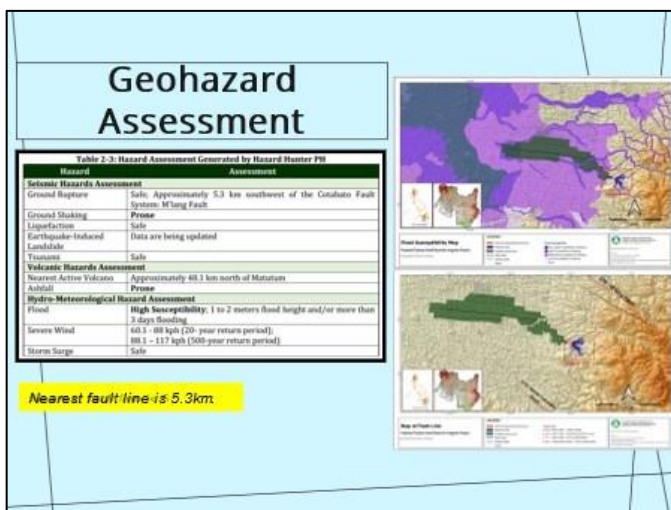
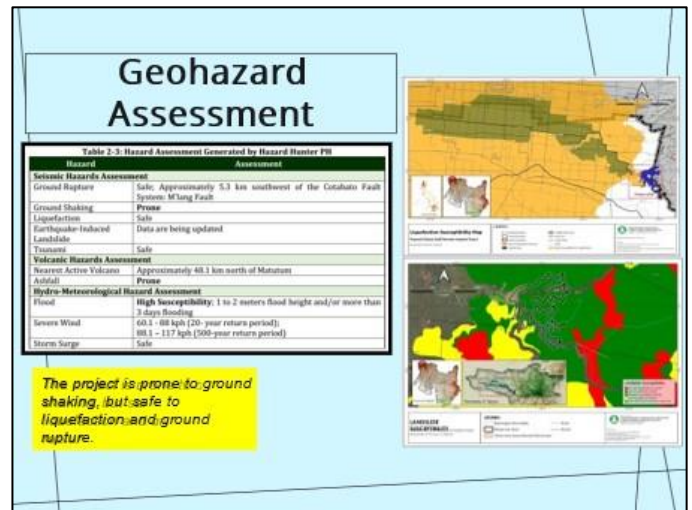
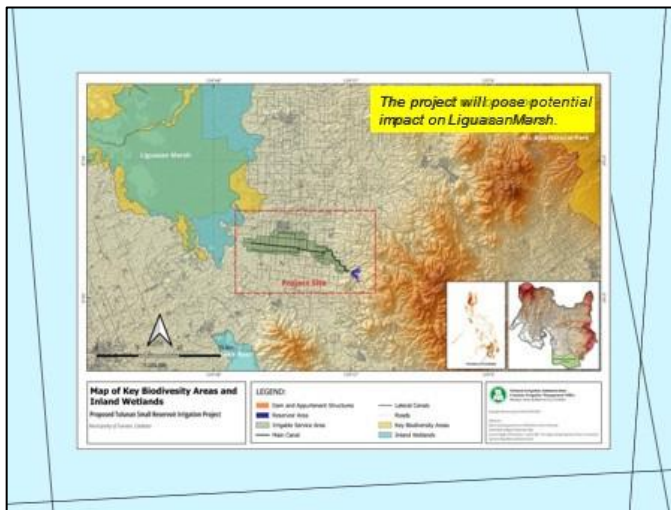
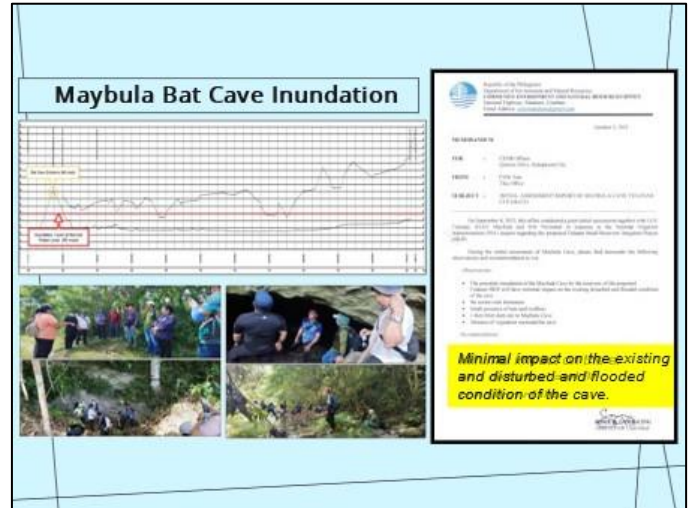
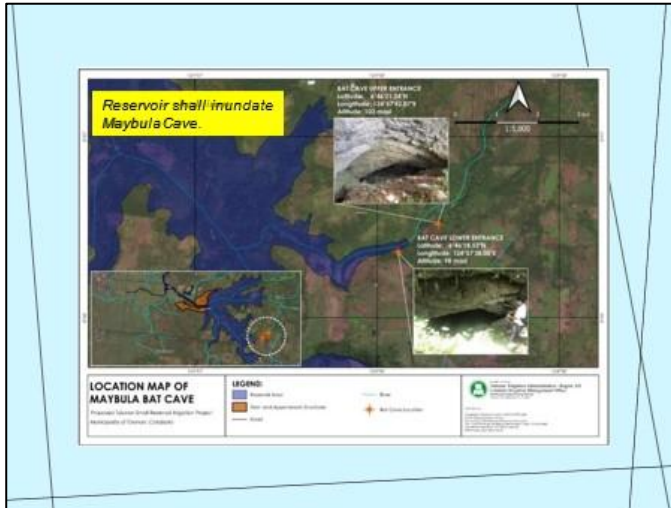
Assessment of Environmental Impacts



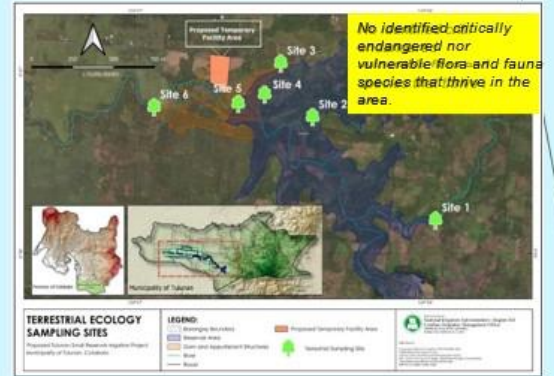
Majority of the areas are titled lots and alienable and disposable



No Ancestral Domain Secured CNO from NCP



Soil Erodibility

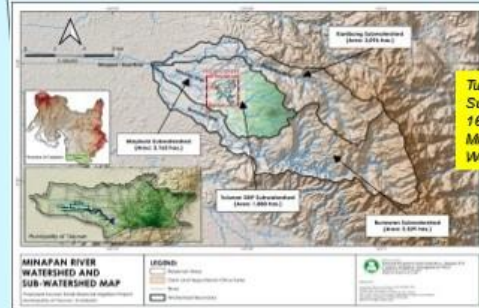


Maybula Bat Cave Assessment

Megachiroptera (Fruit Bats) and Microchiroptera (Insect Bats)



Hydrology



Groundwater Quality

Table 2-13: Groundwater Quality Survey Test Result

Parameters	Unit	Site 1 Spring Near River Date: June 8, 2023 3:30 PM	Site 2 Near Road Date: June 8, 2023 5:25 PM	Site 3 Near Road Date: June 8, 2023 5:55 PM	ICM Standards (2022/2016/05) For drinking purpose
GPS Coordinates		10°05'00"N 124°05'00"E	10°05'00"N 124°05'00"E	10°05'00"N 124°05'00"E	
Date and Time of Sampling		June 8, 2023 3:30 PM	June 8, 2023 5:25 PM	June 8, 2023 5:55 PM	
Field Coliform	MPN/100ml	20	20	20	< 1.1
Chloride	ppm	4	2.2	20.5	250
Color, true	PCU	5	5	5	50
Nitrate (as NO ₃ -N)	ppm	0.7	0.01	0.1	5
pH		6.80	7.22	6.97	6.5-8.5
Phosphate (reactive)	ppm	0.02	0.01	0.05	0.5
Total suspended Solids	ppm	0.1	0.1	0.1	50
Lead	ppm	< 0.01	< 0.01	< 0.01	0.05
Arsenic	ppm	< 0.006	< 0.006	< 0.006	0.05
Cadmium	ppm	< 0.002	< 0.002	< 0.002	0.005
Chromium (hexavalent)	ppm	< 0.002	< 0.002	< 0.002	0.05

Note: Red highlighted values indicate compliance with the ICM groundwater quality standards.

The groundwater in the vicinity is not safe for drinking.

Surface Water Quality



Surface waters are already high in fecal coliform levels which is potentially brought by the carcasses of bats in the cave.

Table 2-14: Surface Water Quality Survey Test Result

Parameters	Test	Results	DAWA Standard (1/1/17)
GPS Coordinates	9° 46' 56.87" N 124° 57' 12.7" E	9° 46' 53.79" N 124° 57' 12.7" E	
Date and Time of Sampling	June 10, 2023 2:11 PM - 5:11 PM	June 10, 2023 4:12 PM - 5:11 PM	
Location of Sampling Station	Along the reservoir	Along the reservoir	
Temperature (°C)	28.0	28.0	30.0
Dissolved Oxygen (DO) (%)	8.5	8.5	5.0
Chemical Oxygen Demand (COD) (mg/L)	2.5	2.5	5.0
Biochemical Oxygen Demand (BOD) (mg/L)	0.5	0.5	5.0
Total Suspended Solids (TSS) (mg/L)	1.0	1.0	5.0
Ammonia Nitrogen (NH ₄ -N) (mg/L)	0.05	0.05	0.50
Nitrate Nitrogen (NO ₃ -N) (mg/L)	0.05	0.05	0.50
Chlorophyll a (µg/L)	0.05	0.05	0.50
Fecal Coliform (FC) (MPN/100 mL)	1,000	1,000	100

Freshwater Ecology



No identified migratory nor critically endangered fish and riparian fauna species.



Ambient Air and Noise Quality



The air quality and noise level still pass DENR standards.

Table 2-22: One-Hour Ambient Air Quality Survey Test Result

Parameters	Test	Results	DAWA Standard (1/1/17)
GPS Coordinates	9° 46' 56.87" N 124° 57' 12.7" E	9° 46' 53.79" N 124° 57' 12.7" E	
Date and Time of Sampling	June 10, 2023 2:11 PM - 5:11 PM	June 10, 2023 4:12 PM - 5:11 PM	
Location of Sampling Station	Along the reservoir	Along the reservoir	
Temperature (°C)	28.0	28.0	30.0
Dissolved Oxygen (DO) (%)	8.5	8.5	5.0
Chemical Oxygen Demand (COD) (mg/L)	2.5	2.5	5.0
Biochemical Oxygen Demand (BOD) (mg/L)	0.5	0.5	5.0
Total Suspended Solids (TSS) (mg/L)	1.0	1.0	5.0
Ammonia Nitrogen (NH ₄ -N) (mg/L)	0.05	0.05	0.50
Nitrate Nitrogen (NO ₃ -N) (mg/L)	0.05	0.05	0.50
Chlorophyll a (µg/L)	0.05	0.05	0.50
Fecal Coliform (FC) (MPN/100 mL)	1,000	1,000	100

Agricultural Production

Table 2-30: Agriculture Profile of Municipality of Tulunan, 2020

Crop	No. of Farmers	Area (Has)	Percentage
Rice	5,850	6,629.25	32.8%
Banana	2,114	3,765.45	18.7%
Barbar	1,527	2,858.25	14.2%
Corn	1,621	2,178.10	10.8%
Palm Oil	211	2,094.75	10.4%
Coconut	1,325	1,418.80	7.0%
Vegetable	155	346.00	1.7%
Sugarcane	945	269.00	1.3%
Mango	104	163.00	0.8%
Watermelon	111	152.50	0.8%
Cacao	128	96.25	0.5%
Coffee	101	74.50	0.4%
Peanut	87	35.00	0.2%
Ginger	76	40.25	0.2%
Legumes	39	21.50	0.1%
Potato	8	11.25	0.1%
Mungbean	33	25.75	0.1%
Calamansi	19	6.00	0.0%
TOTAL	14,534*	20,187.10	100.0%

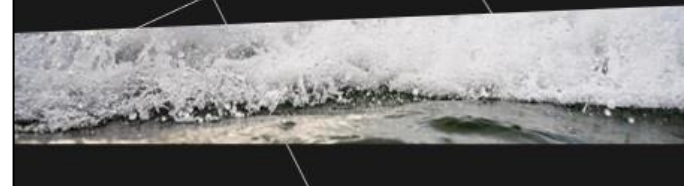
Source: Municipal Agriculture Office (MAO) of Tulunan. *A farmer may cultivate two or more crops.

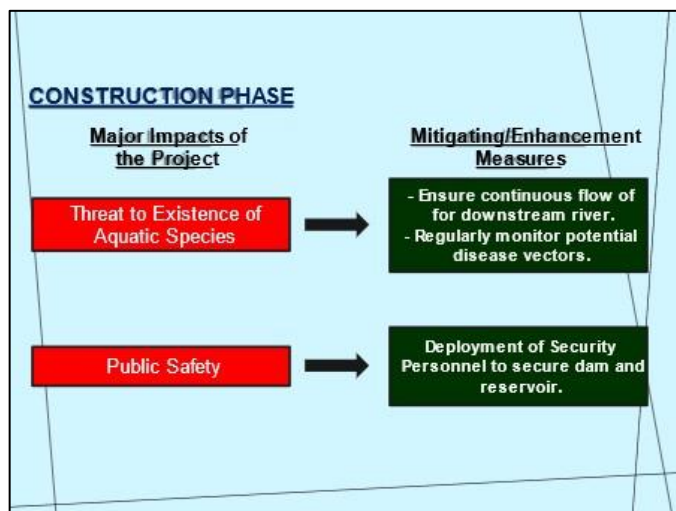
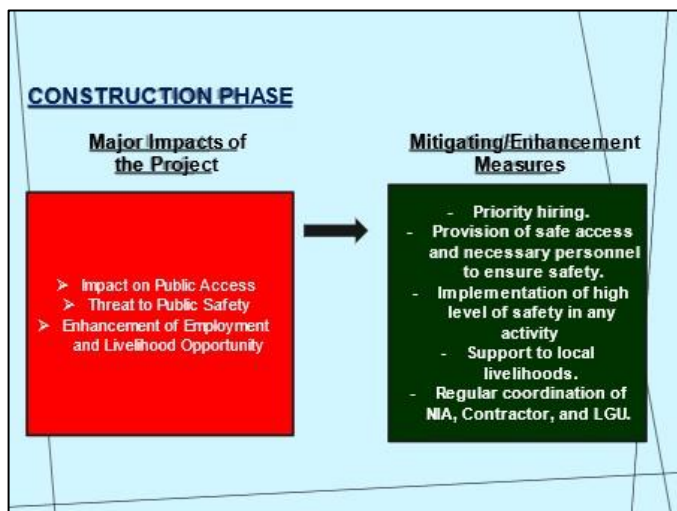
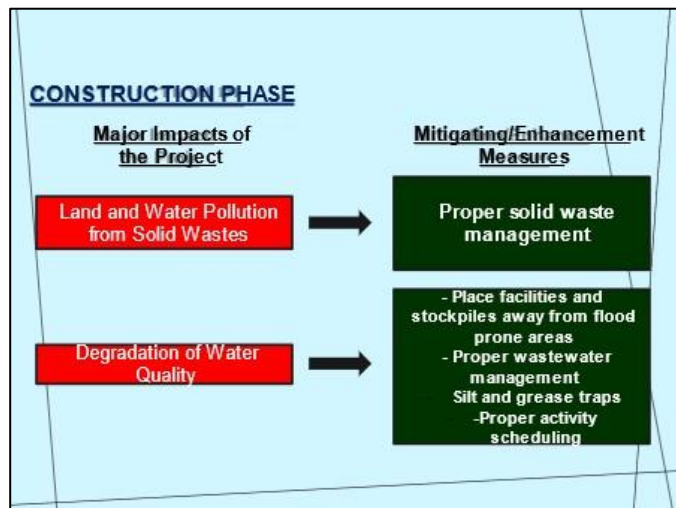
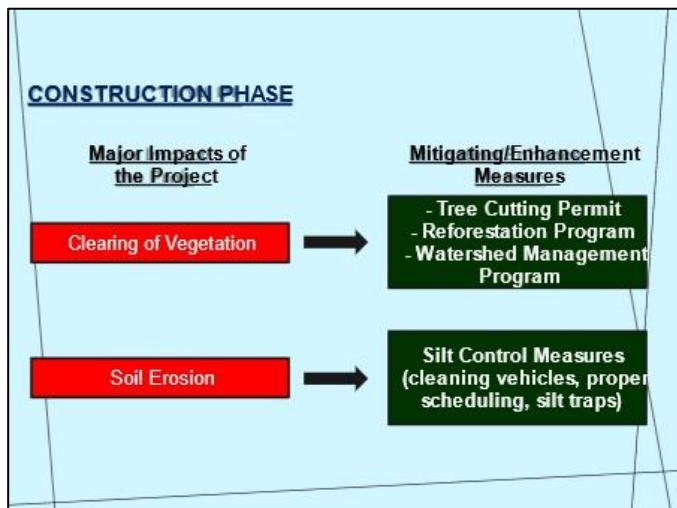
Rice is the major agricultural product of Tulunan.



There are no settlements affected by the project.

Environmental Management Plan

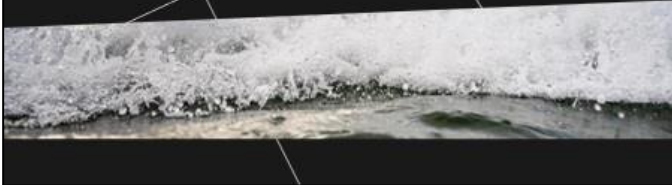




Social Development Programs (SDP)

Stakeholder	Proposed Social Development Programs and Activities
Income-Displaced PAPs	<ul style="list-style-type: none"> • Just Compensation Program • Income and Livelihood Restoration Program <ul style="list-style-type: none"> - Farmer Support Programs (especially for affected rubber and upland farmers) - Reservoir Fishery Program - Priority Hiring - Construction work trainings for interested income-displaced PAPs (i.e., masonry, welding, carpentry, heavy equipment operation, etc.) • Grievance Redress Program
Property Owners	<ul style="list-style-type: none"> • Just Compensation • Grievance Redress Program • Priority Hiring
Nearby Indirectly-Affected Communities (Brgy. Maybaki)	<ul style="list-style-type: none"> • Priority Hiring • Implementation of Traffic Management Plan (TMP) • Dust and Noise Control Measures • Continuous Coordination • Grievance Redress Program
LGUs	<ul style="list-style-type: none"> • Continuous Coordination • Grievance Redress Program • Maintenance of peace and order • Provision of programs for agricultural, planning, and development particularly for rubber, banana, and rice industries • Provision of program for community environmental sanitation (Environmental sanitation includes human excreta control, managing solid waste and wastewater, and pest and vector control. Sanitation and environmental hygiene issues must be analyzed by respective LGU at the onset of the project and must be properly addressed.)
Beneficiary Farmers	<ul style="list-style-type: none"> • Regular coordination meetings to determine areas for improvement on the implementation of the project • Community organization and mobilization: formation of groups, associations, or cooperatives to undertake agribusiness and social enterprises

Environmental Compliance Monitoring



MMT

Table 6-1: Proposed Composition of MMT for Tulunan SRIP

Proposed MMT Members	Basis of Selection
MENRO/MPDC/Councilor for Environment of Tulunan LGU	LGU representative
MHO of Tulunan LGU	LGU representative
Barangay Captain of Brgy. Maybula	Concerned barangay captain
Barangay Captain of Brgy. Minapan	Concerned barangay captain
President of Liguasan Marsh Conservation	Local Non-government Organization (NGO) related to environmental protection
Principal of Maybula Elementary School	Locally-recognized community leaders who can represent vulnerable sectors
President of KALIPI Federation	Locally-recognized community leaders who can represent vulnerable sectors
A representative from DENR-PENRO-Cotabato	Related government agency
A representative from DA-R12	Related government agency

Photo Documentation

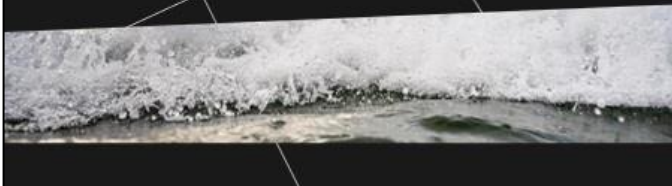


Photo 1: Courtesy call and FGD meeting with Tulunan, Cotabato Vice Mayor Hon. Abraham L. Contayano



Photo 4: Ocular Inspection and Initial Site Survey at the Proposed Tulunan SRIP Dam Site

September 2022

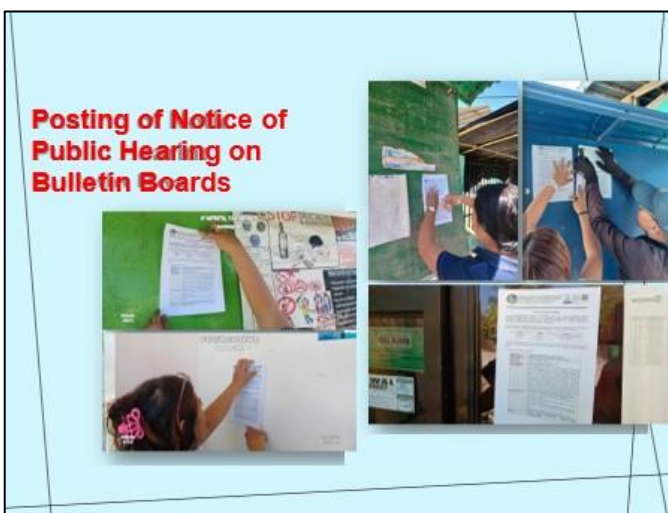
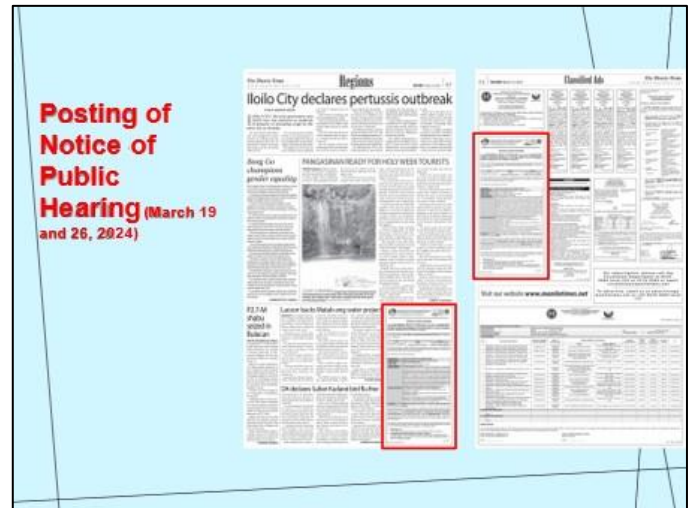


Photo 5: Aerial View of the Proposed Tulunan SRIP Dam Site and Reservoir (viewed towards east)



Photo 7: Aerial View of the Proposed Tulunan SRIP Irrigable Service Area (viewed towards west)





ANNEX I

TRANSCRIPTION OF PUBLIC HEARING PROCEEDINGS

TRANSCRIPTION OF THE PROCEEDINGS

Public Hearing for Tulunan SRIP

April 04, 2024

Maybula Covered Court, Brgy. Maybula, Tulunan, Cotabato

Module	Stakeholder	Comments/Issues/Suggestions	Proponent's Response
National Anthem	Jean Marie Fe Bansag <i>Senior IDO, NIA-Cotabato Irrigation Management Office</i>		
Doxology	Jean Marie Fe Bansag <i>Senior IDO, NIA-Cotabato Irrigation Management Office</i>		
Opening Remarks	Antonio Bedaño <i>Brgy. Captain, Brgy. Maybula, Tulunan, Cotabato</i>		-Acknowledging the presence of all the participants and welcoming them in the Brgy. Maybula, Tulunan, Cotabato.
Public Hearing Overview and Objectives	Engr. Jes Roland Cammayo <i>Technical Staff, EMB-Central Office</i>		<p>- Introduction of the proponent, EIA consultants, and acknowledgment of participant of the public hearing.</p> <p>- EIA Process and Objectives of the Public Hearing</p> <p>-Discussion and Presentation of Public Hearing House Rules:</p> <ul style="list-style-type: none"> • The Public Hearing will be conducted in Tagalog, however, you may still use any language you are comfortable with. • If you wish to speak at the Open Forum, raise your hand to be allowed to speak by the hearing officer. • Comments and suggestions can be written on paper and given to DENR personnel.

			<ul style="list-style-type: none"> • Use the microphone when speaking to ensure the event is recorded. • When speaking for the first time, state your name, office or organization represented, and position. • All presentations and questions should be brief, clear, and direct. • Avoid long speeches to fully utilize public participation and achieve the objective of the Public Hearing. • Comments should represent public interests rather than personal ones. • Listen respectfully to speakers and avoid any disruptions. • If you have any feelings about what the speaker is saying, restrain them and wait for the right opportunity to speak. • Respect others' opinions and express disagreement politely. • The Public Hearing Officer has the right to remove individuals or groups who continue to disrupt the hearing after being given three warnings.
Presentation of Project Description	Engr. Godfrey Repicio <i>Project Supervising Engineer, NIA-CIMO</i>		<p>Project Description:</p> <ul style="list-style-type: none"> • The Tulunan SRIP damsite is located in Brgy. Maybula, Tulunan. • The reservoir will cover Brgy. Maybula and Brgy. Bunawan. • Ang embankment dam natin ay may height na 34 m. • The crest width or width of the dam is about 610 m. • Ang malulubog na area ng reservoir is about 96.4 hectares at full capacity

			<ul style="list-style-type: none"> • During wet season, it could irrigate 900 hectares and during dry season, it can irrigate 850 hectares. It can augment an area of 913 hectares. • Project falls under Category A – Environmentally Critical Projects • Generally, the project has four components. The first component is the Embankment Dam. Second component is the reservoir. Third component is the irrigation network. Fourth component is the access road. • Total project cost is about Php 2.4 billion. • The proponent is the National Irrigation Administration – Cotabato Irrigation Management Office located in Brgy. Amas, Kidapawan City. • The selected project alternative is the Embankment dam because it is more resistant to earthquake compared to concrete. In addition, the source of material for the embankment since its source of material can be located upstream. • The Zoned Embankment Dam is composed of different materials. • It has safety measures to prevent the possibility of failure. • This project has undergone various phases. The second stage of the Feasibility Study was conducted in 2015 and were continuously updated since. Value Engineering/Value Analysis was also conducted. EIA and DED were initiated last 2022 and finished in 2023. • In 5 years, the project is expected to be finished. By 2030, the project is expected to be operational.
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Presentation of EIA Results	Aris B. Marilao <i>EIA Team Leader</i>		<ul style="list-style-type: none"> • The Environmental Impact Assessment study started in 2022. The team conducted discussions with LGUs, Irrigators Association, Perception Surveys, and Public Scoping to determine the effects and impacts of the project. • Based on EIA Study timeline, the Perception Survey was conducted in September, Public Scoping in October, and Technical Review with the Technical Review Committee in December 2022. The report was reviewed from December 2023 to January 2024. • Twenty-one Focus Group Discussions in all barangays covered by the project was conducted. • The study revealed that Tulunan is one of the largest suppliers of rice in Cotabato. • Maybula river ecosystem – only few users of river water apart from the existing three irrigation systems. • A total of 1,800 hectare of rice fields will benefit from the project. • The surrounding household in the project area will be affected. • Major Impacts of the Project <ul style="list-style-type: none"> ➢ Most of the affected areas are titled lots. The right of way acquisition process is ongoing. ➢ Assessment of the affected Indigenous People - No affected Ancestral Domain in the area. ➢ Maybula Cave – At full capacity of the dam, the batcave will be partially submerged. Based on assessment during site visit, the cave is already disturbed due to establishment of nearby corn plantation, kaingin. The bats inhabiting the cave are not critically endangered.
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			<ul style="list-style-type: none"> ➤ Key Biodiversity Areas – Siltation is already present caused by farming activities and silts goes to Ligwasan Marsh. ➤ Geohazard Assessment – The nearest fault line is at M'lang fault which is 5.3 km away from site. Engineering Geological and Geohazard assessment has been undertaken. ➤ Terrestrial Ecology – Assessment was conducted to determine critically endangered flora and fauna species are present in project site. No endangered flora and fauna were found to be affected. ➤ Hydrology – Based on assessment, The Tulunan SRIP's catchment is only 16% of the Minapan River Watershed. The Bunawan and Kanibong Rivers are the major contributor of flooding in Brgy. Minapan. ➤ Downstream water uses – no affected users aside from the existing irrigation systems which will also benefit from the project. ➤ Groundwater Quality – the collected groundwater samples have high fecal coliform, potentially caused by bat manure from the Maybula cave. ➤ Surface water quality – The collected water samples have high in fecal coliform levels. ➤ Freshwater Ecology – Based on assessment, no migratory fishes will be affected. There will be a decrease in number of fish catch upstream but a fishing activity will be established in the dam area. ➤ Air and Noise – The air and noise quality are good.
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			<ul style="list-style-type: none"> ➤ Agricultural Production – Rice is the major agricultural product of Tulunan. With the implementation of the project, the rice production will potentially increase. ➤ Settlements and Houses – No affected houses except small huts. • Environmental Management Plan Summary <ul style="list-style-type: none"> ➤ Around 110 hectares of vegetation in the project area will be cleared. The proponent will apply for Tree Cutting Permit. For every tree cut down, there will be a replacement of 100 seedlings. ➤ Watershed Management Program – The upper area of the watershed will be highly vegetated. ➤ Soil Erosion – Soil control measures will be implemented and maintained ➤ Land and Water Pollution from Solid Waste – NIA wil require the contractor to implement proper solid waste management and disposal. ➤ Water Quality Degradation – water quality will be constantly monitored and the drainage of temporary facilities will be properly managed. ➤ Impact on Public Access – new public access road will be constructed. ➤ Existence of Aquatic Species – new aquatic species will be introduced upstream. ➤ Public Safety – Security and safety personnels will be deployed by the proponent. • Social Development Programs
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			<ul style="list-style-type: none"> ➤ Just compensation to the affected landowners - applicable laws will be implemented. ➤ Farmers support programs – rubber planters affected by the project will be the priority beneficiaries of this program (e.g. reservoir fishery program, watershed management programs) ➤ Construction Work Training – trainings will be conducted for locals for various construction skills required. ➤ Grievance Redress Mechanism – suggestion boxes, social media pages, telephone hotlines and other communication means will be open for receiving feedback and complaints related to the project. <ul style="list-style-type: none"> • Multipartite Monitoring Team (MMT) – MMT will be organized and will be composed of various representatives from LGU, PENRO, MPDC, Municipal Health office, Brgy. Maybula Captain, Brgy. Minapan Captain, Ligwasan Marsh Conservation President (Local NGO), Maybula Elem. School officials, PWD/Senior Citizen organization, representatives from DENR, PENRO or CENRO, and representative from DA Region 12. • The EIA Study Team assures the public that the conduct of the EIA study and the ECC application process is conducted in adherence with the applicable laws and regulations (DAO 2003-30 and DAO 2017-15).
Open Forum	Engr. Rodolfo A. Tuya <i>Hearing Officer, DENR – EMB Regional Office 12</i>		Opening of the Open Forum.

<p>Concern on Relocation Site of Affected Person</p>	<p>Tammy Egkayogen, <i>Secretary, Brgy. Elbebe,</i> <i>Datu Paglas,</i> <i>Maguindanao</i></p>	<p>Para po sa kaalaman ng lahat, mayroon po tayong existing barangay sa project area ng Datu Paglas, Maguindanao, BARMM. Existing po ang barangay na ito since 1973. Kung matutuloy itong project natin, tutulungan po ba kami ng NIA sa relocation site? Ano po yung programa ng NIA? Yung barangay kasi ay sentro ng project, lot no. 177. Malapit po sa batcave.</p> <p><i>(There is an existing barangay in the project area of Datu Paglas, Maguindanao BARMM. This barangay has been existing since 1973. If the project proceeds, will NIA assist the residents in relocating to a new site? What are the programs of NIA regarding this matter? The barangay is situated at the center of the project area, in Lot No. 177, near the Batcave.)</i></p>	<p>Aris B. Marilao, <i>EIA Team Leader:</i></p> <p>Ang pinagbasehan po namin ay ang official municipal boundaries ng Tulunan. Base po sa official municipal boundaries ng Tulunan, yung nakaplot sa lahat ng mapa namin ay galing po sa MPDC office ng Tulunan. Kung meron pong boundary conflicts, di po namin masosolve sa part namin pero nakalagay naman po sa management plan namin na makikipagcoordinate ang NIA sa nearby municipalities.</p> <p>Doon po sa sinasabi niyong affected sa reservoir, wala po kaming nakita doon unless kung pumasok siya doon sa sinasabi ni Engr. Godfrey na potential quarry site na panggagalingan ng lupa na gagawing dam. Kasi yung pinakita po naming sa mapa kanina, mayroon pong limang potential quarry site na di pa naman sure sa ngayon kung lahat ay makukuhanan. Option 3 po yung area na nabanggit niyo. So may option 1, 2, 3, 4, 5. Hangga't enough po yung Option 1 and 2, di pa naman maapektuhan yung Option 3 kung nasaan ung structures na binabanggit ninyo. Pero in case lang po na abutin yung option 3, lahat po ng applicable na rules and regulations under Republic Act 10752 na una, lupa ay babayaran. Yung susunod, crops and trees ay babayaran. And then structures, regardless sino man ang may-ari ng lupa. Kung informal settlers, yung lupa hindi mababayaran pero yung structure and crops, sure na mababayaran. Pero 'yung lupa, hangga't hindi nakakapagprovide ng proof of ownership, mahihirapan po na mai-process 'yung kanilang compensation. Rest assured po na basta may apektado, 'yung crops and trees at structures, kung ano man po yung' value ng lupa base sa batas. Una, kasama dapat 'yung materials cost and construction cost. 'Yung replacement, kayo po mag-</p>
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			<p>identify mas maaganda kung saan itatayo ulit. I-aasses po ng NIA kung magkano 'yung cost. Pero 'yung lupa for negotiation pa kasi una, aalaman kung sino talaga may ari. Basta may titulo at na-prove, babayaran po 'yun.</p> <p><i>(The information used on this project is based on the official municipal boundaries from Tulunan. All the plotted areas on our maps were sourced from the MPDC office of Tulunan. If there are boundary conflicts, it is stated on the management plan that NIA will coordinate with nearby municipalities.</i></p> <p><i>The areas you mentioned earlier were not identified as the affected areas for the construction of reservoir unless these areas are covered by the potential quarry site mentioned by Engr. Godfrey, which could serve as the source of construction materials. In the map shown, there are five potential quarry sites but are not yet confirmed. The area that you have mentioned is under Option 3, among the five option areas for quarry sites. In the event that the option 3 will be utilized, all applicable rules and regulations under RA 10752 will be followed. The land, crops, and structures will be compensated for. If there are informal settlers, the land won't be compensated unless proof is presented, but the structures and crops will be. Rest assured that for any affected areas, the compensation for crops, trees, and structures will be based on the value in accordance with the law.)</i></p>
	Engr. Rodolfo A. Tuya <i>Hearing Officer EMB- Regional Office 12</i>	Reminder ko lang possible kasi na may katanungan na hindi masagot dito. Posible 'yung ibang ahensya ng gobyerno pero 'wag po kayo matakot kung meron kayong possible na ganoon na tanong kasi naka-note po 'yan. Itong	

		<p>Public Hearing po natin, recorded ito.</p> <p><i>(As a reminder, there might be questions that may not be answered by the proponents in this hearing. It is possible that other government agencies could address them but let us not hesitate to ask if you have any questions because these are all noted. The Public Hearing is recorded for reference.)</i></p>	
	<p>Jonathan Alacapa Punong Barangay, Brgy. Minapan, Tulunan, Cotabato</p>	<p>Sabi ninyo ginawan ninyo ng paraan para 'yung mga concern and issues regarding sa Brgy. Minapan may ginawa kayo. Actually, naghihintay ang Brgy. Council sa inyo. Wala pang communication. Walang dumating sa brgy para pag-usapan natin 'yung ginawa ng Brgy. Minapan. Last year during Barangay Assembly, 'yung member ng Brgy. Assembly mismo, stand na hindi kami papayag sa water reservoir project na 'yan. Dahil base po sa experience ng mga tao namin, ang dami pong katanungan na hindi pa po nasagot.</p> <p><i>(The proponent has mentioned that they found a way to address the concerns and issues of Brgy. Minapan. However, no communication has been sent to our barangay to discuss what has been done. Last year, during the Barangay Assembly, the members of the assembly took a stand</i></p>	<p>Aris B. Marilao, <i>EIA Team Leader:</i></p> <p>Noong Public Scoping, malinaw naman po na binanggit ng Barangay Minapan ang kanilang mga issues and concerns. Noong January 2023, pumunta kami doon at nakipag-usap po kay Kap at may nai-raise na mga issues. Ang susunod po na step na ginawa namin ay nakipagmeeting kami sa NIA-CIMO para ibigay lahat ng mga issues and concern. Umabot din po kami sa regional office. Isa nga po sa mga concern nila ay 'yung mga bridge at 'yung flooding. Nagpresent po kami sa board members kasama po ang ating mga barangay officials kaso si Kap po ay may sakit. That time nai-present po naming ang mga safety features ng dam at tinanong kung okay ba 'yung members ng Barangay. Pero inaassure ko na kung ano 'yung stand ninyo, i-firm niyo lang hangga't wala pang sagot ang NIA sa issue niyo.</p> <p>Ngayon, mayroon naman pong response ang NIA sa nirerequest niyo po tulad ng bridge para sa pagtawid ng ating mga farmers. Isang naging impact yun ng pagtatayo ng DBBCIA diversion dam. Nagletter na po ang NIA sa DPWH para gawin 'yon kasi ang scope lang ng NIA is for irrigation, at hindi for bridge.</p>

		<p><i>that we would not agree to the reservoir project, as many questions have remained unanswered.</i></p>	<p><i>(During the conducted Public Scoping, Barangay Minapan has clearly raised their issues and concerns. In January 2023, the team went to Minapan and met with the Barangay Captain. The next step that has been taken afterwards was a meeting with NIA-CIMO and NIA Regional Office to discuss all the issues and concerns. Then the proponent presented to the board members and barangay officials the safety features of the dam project.</i></p> <p><i>Regarding the Barangay's request such as bridge for the farmer's crossing, NIA has already sent a letter to DPWH to address that since NIA's scope is only for irrigation and not for bridge construction.)</i></p> <p>Engr. Doroteo A. Canja, Division Manager NIA CIMO:</p> <p>Regarding didto sa bridge nga ginahangyo sang Barangay Minapan, amon na ning gipadangot sa Department of Public Works and Highways para ma-include nila sa ilang plano para sa pagtulay sa municipal area nga kailangan tulayan. Ongoing ini ang process. Naa tay program nga ginatawag naton nga convergence with other agencies. Para kung anong kinanglan para sa kaayuhan sa katawhan, matabangan sa matag ahensya. Ang concern ni Kap, amo nang gipadala sa DPWH as part of our convergence.</p> <p><i>(The request of Brgy. Minapan for bridge has been forwarded already to the DPWH to be included in their plans for bridging the municipal areas that need such. The process for this is already ongoing. The Barangay Captains concern has been sent to DPWH as part of the government's program on convergence with other agencies.)</i></p>
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		<p>'Yung tao po namin naghihintay ng paliwanag. Meron po kaming Barangay Assembly this coming Saturday, so kung pwede i-invite naming kayo. As Punong Barangay, hindi ko pwedeng i-set aside ang desisyon ng tao. Based on local code RA 7160, makapangyarihan po ang Barangay Assembly. As Punong Barangay, ginagawa ko lang 'yung mandato at 'yung sentiment ng tao namin. Hanggang di pa nasasagot 'yung mga katanungan ng tao ko, 'yung stand naming sa Barangay, hindi kami pa rin papayag.</p> <p><i>(The people of Barangay Minapan are still waiting for an explanation. A Barangay Assembly will be conducted this coming Saturday, and the proponent is invited to attend. Until our people's questions are answered, our stand in the Barangay remains unchanged. We still won't agree.)</i></p>	<p>Aris B. Marilao, <i>EIA Team Leader:</i></p> <p>Sir andito po ako ng Sabado, aattend po ako.</p> <p><i>(Will attend the Barangay Assembly on April 6)</i></p>
Flooding Concern	Joe Hernandez <i>Maybula Integrated Farming Association</i>	<p>Ang ganda po ng presentation. Magkakaroon po kami ng magandang kabuhayan dito sa Maybula at sa nearby barangays. Magkakaroon kami ng trabaho at mga construction workers namin. Sa risk at threat naman po ng ating dam, ano pong precaution natin para po sa aming mga buong nasasakupan nitong buong dam po na ito?</p>	<p>Engr. Godfrey Repicio, <i>NIA-CIMO</i></p> <p>Based on the safety, isa sa mga criteria sa design, kaya binanggit ko kanina na ang dam natin naka-zone siya kasi didto sa sulod sa materyales sa satong dam, naay mga safety features didtoa na makaminize or avoid sang possible failure sa dam.</p> <p>Sa flooding naman, ang atoang dam kaya muspill of more than 1 is to 10,000 return period nga klase nga baha. Kaya lang, with or without dam may ara gid ta sang baha. But as to control, medyo i-control sa atong dam kasi ang spillway</p>

		<p><i>(The presentation is good. The project will bring good livelihood here in Maybula and in nearby barangays. In terms of the risk and threat brought by the dam, what precautions have been prepared for the entire coverage area of the dam?)</i></p>	<p>nato nakadesign siya for hindi ilabay diretso ang tubig. Pero kaya siya mulabay sang dako nga baha. Nganong dako nga baha kaayo atong giconsider? Kay daghan ang mga tao sa likod.</p> <p><i>(In terms of safety, the dam is zoned because the materials inside the dam have various safety features that can minimize or avoid possible dam failure. Regarding flooding, the dam is designed for a return period of more than 1 is to 10,000 flood class. However, with or without dam, there will still be flooding but in terms of control, the dam can somehow control flooding since its spillway is designed to not directly release water. We consider large floods in the design because there are many residents behind the dam area.)</i></p>
<p>Concern on Preventive and Precautionary measures for Project Construction</p>	<p>Ronie F. Amar President, Brgy. Maybula BAWASA</p>	<p>Sa panahon ng construction, sa baba yung pipeline ng mainroad. Siyempre may ara nga matabo nga repair and damage. Ang tanong, sino po ang magsagot ng repair and damage?</p> <p><i>(During construction, repairs and damage may occur. With that, who will be responsible for the repair and damage?)</i></p> <p>Nandoon ang aking farm along the river dahil nasa baba kami ng spillway. Ano ba ang mga caution na gagawin natin dyan?</p>	<p>Aris B. Marilao, EIA Team Leader:</p> <p>Any damage na maging cause ng project, sasagutin po ng NIA 'yon. Kung contractor, kasalanan ng contractor, kapabayaang ng contractor, contractor ang sasagot. Pero kapag hindi gumalaw ang contractor, sa NIA naman 'yon. So rest assured naman na aayusin.</p> <p><i>(Any damage caused by the project will be covered by NIA. If the contractor is negligent or at fault, then the contractor will be responsible. However, if the contractor fails to take action, NIA will bear the responsibility. So, rest assured it will be addressed.)</i></p> <p>Aris B. Marilao, EIA Team Leader:</p> <p>Sa farm naman po, kung tatamaan po siya ng spillway, bibilhin na po 'yon. Right of way na po 'yon. Bibilhin na ng</p>

		Ano ba ang mga ibibigay sa farmers na nandoon along the river?	<p>NIA. Meron pa po tayong tinatawag na 3 to 5-meter buffer. Kung ang naidentify na area na lulubog ay itong area na ito, hindi lang po 'yan ang bibilhin. Meron pang certain 3 to 5 meters na area na bibilhin ng NIA.</p> <p><i>(The farm areas that will be affected by the spillway will be acquired by the proponent for it is considered in the Right of Way acquisition, thus will be purchased by the NIA. Aside from the identified areas that will be submerged, the NIA will also purchase a certain 3 to 5 meters of additional area for buffer.)</i></p>
Concern on Project Components (Access Roads)	Mike F. Veniegas Kagawad, Brgy. Minapan	<p>Unang-una ang tanong ko po ay tungkol sa implementasyon ng bagong access road. From road junction ng Bagong Silang, i-reroute ang road sa Sitio Malipayon. Kung i-reroute natin, hahaba ang ruta namin. Ibig sabihin, kung lalagyan man kami ng concrete road, or 'yun lang ang nakita ninyo, pwede ihingi ng tawad na dagdagan niyo na kasi malayon naman?</p> <p><i>(First, regarding the implementation of the new access road from the road junction of Bagong Silang that will be rerouted to Sitio Malipayon, can we request for extension of the concrete road that will be constructed since rerouting will mean that our route will be farther away?)</i></p>	<p>Engr. Doroteo A. Canja, <i>Division Managaer NIA-CIMO:</i></p> <p>Ang aton nga project is progressive. Pwede kami kahatag requirement sa gobyerno pero atong maintindihan nga atong gobyerno ga-budget pud 'no kay indi lang man amon ang ginagastusan. So, kung naa tay budget allocation karon nga tuig para sa kalsada, aton i-dapat para sa inyo. Amo na ang aton nga trabahuon.</p> <p><i>(Regarding the extension of concrete road construction, note that this project is progressive. We can inform the government of the need, but we have to understand that our government has its own budget constraints. If there will be a budget allocation for the construction of that road this year, it will be allocated for such, accordingly. That is what we'll work on.)</i></p>
Concern on Provision of Seedlings	Mike F. Veniegas Kagawad, Brgy. Minapan	Kailan ibibigay ang mga seedling? If maimplement na ang project, ang affected area ng rubber ay dapat makaharvest na. Tama yung sinasabi ni	<p>Aris B. Marilao, <i>EIA Team Leader</i></p> <p>May proseso po kasi na magsusubmit muna kami ng watershed management plan. Doon po papasok 'yung</p>

		<p>Kapitan, kami ay apektado ng mga project. Ang lahat ng bagay binibigyan ng solusyon so sana i-priority ang Brgy. Minapan na mabigyan ng solusyon dahil matagal na kaming naghihirap at apektado sa mga problema doon sa Brgy. Minapan about sa project ng NIA.</p> <p><i>(Secondly, when will the seedlings be provided? According to the project timeline, the affected area of rubber trees should have already harvested before the implementation of the project. In addition, I hope that the Barangay Minapan will be prioritized in finding solutions to the problems related to the project because our people have been suffering and are affected by this project for a long time.)</i></p>	<p>pagtataniman na bagong area. Ngayon, ang problema natin ay saan tayo magtatanim. Kasi kung bibigyan ng seedlings kayong mga rubber planters na apektado, ang tanong ay mayroon ba kayong mapagtataniman agad. Sa watershed management plan po kasi, doon sa area ng watershed dapat magtatanim, hindi pwede sa labas. Kapag maapprove po ang watershed management plan this year, next year ay may budget na po. One year po upon submission of the watershed management plan.</p> <p><i>(The proponent needs to submit a watershed management plan first. However, the current concern is the location for new planting/farming areas. If the seedlings will be provided to the affected rubber planters, it must be ensured that the farmers have a new location area for farming. In the watershed management plan, planting should be done only within the watershed area. If the management plan will be approved this year, there may be a budget by the next year. It usually takes one year upon the submission of the watershed management plan.)</i></p>
Concern on Right of Way Acquisition and Payment	Mike F. Veniegas <i>Kagawad, Brgy. Minapan</i>	<p>Kailan kaya ang payment? Base sa project timeline, ang pagbili ng Right of Way nagstart na pero hindi pa nabayaran. From 2022 up to 2023, 2024 na ngayon as of now wala pa. Ang mga tao dito naghihintay na kung kailan ang payment. Thank you.</p> <p><i>Thirdly, when will the payment be made? Based on the project timeline, the acquisition of Right of Way has already started but not payment has been made yet. From 2022, it's already 2024 now and</i></p>	<p>Engr. Doroteo A. Canja, <i>Division Manager, NIA-CIMO:</i></p> <p>Actually, ang tanan nato na requirements sa Right of Way, amon nang gipadala sa Central Office for allocation. Ang pag-allocate, depende pud sa atong budget. Sa karon, ang atong requirement is Php 260 million para sa payment sa land acquisition and damages. So far, gahulat pa 'ta sang release galing sa central office. Nanawag si manager sa akon nga i-assure ko kamo nga tanan nga claims sa Right of Way aton i-proseso kag bayaran. Isa man sa among nga responsibility sa inyo.</p> <p><i>(All the requirements for the right of way have already been sent to the central office for allocation which is dependent</i></p>

		<p><i>still no payment. The people have been waiting. Thank you</i></p>	<p><i>on the national budget as well. Currently, the project requires 260 million pesos for payment of land acquisition and damages. As of now, we are waiting for the release of the budget from the central office but rest assured that all the claims for the right of way are being processed and will be compensated.)</i></p>
<p>Concern on Political Boundaries of the Project Area</p>	<p>Sahid M. Nanding <i>Kagawad, Brgy. Elbebe, Columbio</i></p>	<p>Ang 4F4-D area ay may nasasakupan po ang Columbio, Sultan Kudarat. Sa lot no. 166, nandoon po ang sitio naming. Yun po ang ipaparating ko lang po sa NIA para malaman nila na isa rin po ang Columbio na meron din po sa area na pinag-uusapan natin ngayon. Yung lot no. 175 po, ang titulo nun ay sa Columbio, Sultan Kudarat.</p> <p><i>(In the 4F4-D area, there are parts which are under Columbio, Sultan Kudarat. Our sitio is located in lot no. 166. The Lot no. 175, on the other hand, has a land title also under Columbio, Sultan Kudarat. I just would like to relay these pieces of information to the NIA so that they would be aware that Columbio also has an area included in the current project area being discussed.)</i></p>	<p>Aris B. Marilao, <i>EIA Team Leader:</i></p> <p>May issue po kasi ng boundary conflict doon sa lugar na iyon - tatlong probinsya, tatlo din na munisipyo. Ang Tulunan may mapa silang opisyal na sinubmit sa DILG na pinagbasehan namin. Pero sa later part ng study, lumabas na meron din itong Datu Paglas, at Columbio. Ngayon, ang problema natin dyan ay kung ano ang tama. Noong tinanong ko dati 'yung regarding sa boundary conflict, hindi pa daw kasi closed 'yung issue dyan hanggang sa ngayon at on the process pa lamang.</p> <p><i>(There is an unresolved issue of boundary conflict in that area, involving three provinces and three municipalities. Tulunan was able to submit an official map to the DILG in which the project area was based on. However, in the later part of the study, it turned out that Datu Paglas and Columbio also have claims in the area. Now, the challenge is to determine which is correct. The issue hasn't been resolved yet up to now.)</i></p> <p>Atty. Norlaine C. Omar, <i>NIA Regional Office XII:</i></p> <p>Kay kagawad, you are very much acknowledged - 'Yun pong barangay ninyo, sa Columbio at sa Datu Paglas. With regards to the processing of our Right of Way claims, lahat po ng titulo ng mga munisipyo, lahat 'yun acknowledged. It's just that sa project na ito hindi siya na mention pero in</p>

			<p>actual, kasama po ang munisipyo ninyo sir. So don't be oppressed na hindi kayo namention kanina.</p> <p>'Yung mga claimants po natin na yung titles nila ay under Datu Paglas and Columbio, ay nafilicilate naman po. 'Yung certifications na hinihingi natin in support of the Right of Way documentary requirements are being requested from your respective barangays sa Columbio, hindi sa Tulunan. Even though sa political boundaries natin ngayon it is still on dispute, hindi pa siya defined talaga. In respect of facilitating the Right of Way papers and compensation, ina-acknowledge po namin talaga ang inyong munisipyo and barangays. If the lot property is being titled under the munisipyo of Columbio, then we will process all the supporting documentary requirements under the same munisipyo po. Huwag po kayong mag-alala. Kayo rin po mismo sa barangay ninyo ang magbibigay ng certification attesting whether those claimants are crop owners and landowners po sa inyong area, and it will not be overlapped by the jurisdiction under the municipality of Tulunan.</p> <p><i>(To Kagawad, you are acknowledged. In relation to the processing of Right of Way claims, all titles under different municipalities are being acknowledged. It's just that in this particular project, those municipalities may not be mentioned, but in actuality, your municipality is included. So please don't feel oppressed.</i></p> <p><i>The claimants whose titles are under Datu Paglas and Columbio are being facilitated accordingly. The certifications we request to support the Right of Way documentary requirements are being requested from your respective barangays in Columbio, not in Tulunan. Even</i></p>
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			<i>though the political boundaries are still in dispute and not yet defined, we acknowledge your municipality and barangays in facilitating that Right of Way papers and compensation. Your barangay itself will provide certification attesting whether those claimants are crop owners and landowners in your area, and it will not overlap with the jurisdiction under the municipality of Tulunan.)</i>
Statement of Support for the Project	Jimmy Duenas <i>Former Provincial Federation President of All Irrigators Association Cotabato</i>	Isa pud ako sadto sa petitioner sang sini nga programa. Pero nakita nakon sa akong nga opinion maayo gid ang aton nga dam. Ginaadvise ko sa aton nga mga grupo nga kung mahimo suportahan naton ang aton nga Small River impounding project. Nakita namon sang pag-interview sa gobyerno sa Bohol na dako gid ang matabang parehas diri sa Bansalan. <i>(I used to be one of the petitioners for this project, but I saw that this dam is for the greater good. I advise the various groups to support our small river impounding project. This project is really a significant help to our area.)</i>	Engr. Rodolfo A. Tuya, <i>Hearing Officer, DENR – EMB Regional Office 12:</i> Thank you, Ang kay sir naman ay hindi tanong, kundi isang testimony. <i>(Thank you for the testimony).</i>
Concern on Presentation of the Project to the Public	Duruin Ramie Paz <i>Former Brgy. Captain, Brgy. Minapan</i>	Ang dugang ko lang sa amon Kapitam (Brgy. Minapan), nga kung magkadto kamo sa Minapan, very technical ang inyo gin-explain sa amon. Indi maintindihan sang tao ni. Make it simple nga maintindihan nila nga kung maano gani ning dam ng ani, indi ka gid ma-ano didto.	Engr. Rodolfo A. Tuya, <i>Hearing Officer, DENR – EMB Regional Office 12:</i> Kung magkadto sa mga barangay, dapat laymanized ang terms. Indi siya nga technical kaayo kay mabudlayan mag-absorb ang aton katawhan.

		<p>Sa layman's view, basin ma-bar down. So as much as possible, iexplain niyo lang gid sa mga tao nga indi amo na kay daw indi maintindihan ang technicality sini.</p> <p><i>(The explanation of the project is quite technical, and it may not be comprehensible to ordinary people. Make it simple so that everyone can understand that the dam will not bring risk or harm to the people. As much as possible, let's explain the technical aspects of the project in a simple and understandable way to the people.)</i></p> <p>Base rin sa nakalagay sa mga nakasaad na Gawain sa Proyekto, 2022-2023 ang pagbili ng right of way. 2024 na pero hindi pa rin kami nababayaran</p> <p><i>Based on the activities outlined, the acquisition of the right of way was also scheduled for 2022-2023. It's already 2024, but we still haven't been paid.)</i></p>	<p><i>(When discussing the project to the people of the barangay, terms should simplify and not overly technical to make it easier for people to understand).</i></p> <p>Engr. Doroteo A. Canja, Division Manager NIA-CIMO:</p> <p>Ara sa opisina ang inyo nga papeles. Ginapangayuan kami kung ano didto ang ready for payment so ara didto ang inyo mga papel nga gahulat nalang sang pondo. Kung kumpleto na kamo didto, isa kamo didto sa Right of Way nga ready for payment.</p> <p><i>(Your Right of Way documents are already in the office. We are asked to determine which among those claimants are ready for payment, so your documents are being prepared in the office and we are just waiting for the budget allocation. If your documents are complete, you are one of the right of way claimants ready for payment.)</i></p>
Concern on Land Ownership and Political Boundaries	Rogelio Pidoy <i>Sitio Leader, Bagong Silang, Brgy. Maybula</i>	<p>Maganda po yung project niyo sir pero hanggang sa ngayon, yung mga may-ari ng lupain sa itaas nagmumura kasi parang ang tagal na nitong project. Mayroong nabayaran na, mayroon ding</p>	<p>Atty. Norlaine C. Omar, NIA Regional Office XII:</p> <p>About sa issues natin sa double issuance of title. Ang resolution po dyan is first in time, stronger in right. Kung sino po yung unang nakapagpatitulo, yun po ang i-honor</p>

		<p>wala at hanggang sa ngayon naghihintay pa. Follow up ito sa sinabi ni Kgd. Veniegas about sa road extension. Ang tanong ko lang, kapag matuloy ang project, paano na yung sinasabi ni kagawad na dagdagan yung concrete na kalsada?</p> <p>Pangalawa, isa akong anak ng may-ari ng lupa sa 4F4-D at parang walang klaro yung pagmamay-ari kung saan talaga – Cotabato ba, Sultan Kudarat, o Maguindanao ba? Ang tanong ko po ay about sa double issuance of title sa aming area.</p> <p><i>(The project is commendable, however, there is a prevailing sentiment regarding the timeline of the project. While some owners in our area have received compensation, others remain unpaid. And as a follow-up to Kgd. Veniegas' concern regarding the potential extension of concrete road rerouting to Sitio Malipayon, if this project will be implemented, how would the Kagawad's recommendation for road extension be addressed?</i></p> <p><i>Secondly, there is still indeed an ambiguity regarding the land ownership within 4F4-D area. My concern is on the matter of double issuance of titles within out locality)</i></p>	<p>ng NIA para bayaran ng right of way compensation. Regrettably, di ko po masasagot kung bakit nagkakaroon ng double issuances kasi ibang concerned agencies po 'yun. Pero sa pagfacilitate po namin ng right of way, if mayron pong dalawang claimants ng land, magkaiba man ang munisipyo, ang titingnan po namin ay kung sino unang nakapagpatitulo kasi yun po ang batas natin. Lahat po ng affected na areas, ifafaciliate po namin ang right of way. Tinitingnan po namin yung actual area and yung documentary requirements.</p> <p><i>(Regarding the issue on the double issuance of titles, the resolution to this matter follows the principle of "first in time, stronger in right". Whoever obtained a land title first will be honored by the NIA for the payment of right of way compensation. Regrettably, the proponent cannot provide an explanation as to why these double issuances occur, as these concerns fall under the scope of other concerned government agencies. However, in facilitating the right of way, the landowners who obtained the title first will be prioritized regardless of whether the titles are under different municipalities, as that is the law we adhere to. We will facilitate the right of way payment for all affected areas, taking into account both the actual area and the submitted documentary requirements.)</i></p>
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<p>Flooding Concern</p>	<p>Joel P. Dullano, Punong Brgy. Tulunan</p> <p>Barangay, Popoyon,</p>	<p>Kung magdalong ang tubig or flashflood, only barangay Popoyon and Galidan ang kaluluoy sa tubig. Gusto ko mamangkot ano ba ang guarantee sang NIA? Pwede ba ninyo butangan sang kanal, i-develop pakadto sa Ligwasan Marsh nga area? Kay sa tinood lang, sakit ini sa amon. When it comes to income, dako ang impact sang saging compared sa palay. Hangyo lang namon nga i-develop ninyo ang exit sang sakto para sa safety pud namon sa barangay.</p> <p><i>(If the water level rises or if there's a flashflood, Barangay Popoyon and Galidan are mainly affected. With this, what guarantee can NIA provide? Will you be able to install a canal and develop it towards the Ligwasan Marsh area? We recommend that the canal exit be developed properly for our safety in the barangay.)</i></p>	<p>Aris B. Marilao, <i>EIA Team Leader:</i></p> <p>Noong nagpunta po kami sa Brgy. Galidan, na-acknowledge naman po na binabaha sila kapag malakas ang ulan. Ang kagandahan po ng ating dam, 'yung tubig ulan sa bundok, pipigilan niya yung portion 'non. Sabi ko nga po, 16% ng tubig ulan may mata-trap sa reservoir. Benefit po yun para sa atin.</p> <p><i>(During the consultation in Brgy. Galidan, it was acknowledged that they experience flooding during heavy rains. The good thing about this dam project is that it will prevent 16% of the rainwater from the mountains and this portion will be trapped in the reservoir.)</i></p> <p>Engr. Jalande Mipanto, Project Supervising Engineer, NIA-CIMO:</p> <p>Regarding sa drainage na gihisgot gaina, atong scope of works sa project nato is dili siya included sa katong item of activities. Sa overall project cost wala siya naapil. But naa ta'y convergence project with DPWH so kaning mga drainages na atong concern is pwede nato i-duol sa ilaha. Kami sa planning, mao ni among trabaho para i-endorse sa mga proper government agency na involved.</p> <p><i>(Regarding the drainage project mentioned, it is not included in the item of activities for this project, hence, it is not part of the overall project cost. However, we have a convergence project with DPWH, so these concerns about drainage can be raised to them. It is our responsibility in the Planning Division to endorse these matters to the proper government agencies.</i></p>
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<p>Concern on Damage to Livelihood of the Project</p>	<p>Diony Cresancio</p>	<p>Sir maayo ang imo nga presentation. Na-identify ninyo ang mga danger pero may isa pa ka danger – ang amon kabuhian. Indi na kami katanom kay in 5 years masalom na ang tubig. Kung indi kami katanom, 5 years niyo pa ninyo kami bayra, pirte kami kapigado.</p> <p><i>(The presentation was good. All possible risks were identified, but another risk is in our livelihood. The people won't be able to farm anymore because in 5 years, our land will be submerged in water. If our payment will still be after 5 years, our people will suffer.)</i></p>	<p>Aris B. Marilao, <i>EIA Team Leader:</i></p> <p>Nabanggit ko kanina na pinag-aralan 'yung lupa, tubig, hangin at pinakaimportante po ang tao. Nagkaroon po tayo ng sangkatutak na mga meetings at na-identify po natin 'yung mga problema. Last pong i-aacquire ng NIA ang sa reservoir area kasi yun po ay 5 years pa naman bago lulubugin. Hihintayin pa matapos ang dam. Kaya kung ano man po yung activity niyo sa reservoir within that 5 years, pwede niyo pang galawin. Meron din po kayong karapatan na hangga't hindi kayo nababayaran, wag niyong pagalawin ang inyong lupa. Sa Right of Way Act, dapat mabayaran yung 50% cost ng lupa at hangga't di ito nabibigay, pwede niyong hindi pagalawin muna. May karapatan din kayo na hangga't di nababayaran ang 70% ng inyong crops and structures, pwede niyong anihin pa rin 'yung gusto niyong anihin.</p> <p><i>(As mentioned, the EIA team studied the land, water, and air impacts of the project but most important aspect is the people. Numerous meetings were held where several issues are identified. The NIA will acquire the land in the reservoir area last because it will take 5 years before it will be utilized and submerged. The completion of the dam is the priority. Thus, the people may still proceed with their activities in the reservoir area within that 5-year period. The people also have the right to decline the use of their land by NIA until 50% of the land cost is paid by the proponent, as stated in the Right of Way Act. Further, the people also have the right to plant and harvest crops and structures until 70% of the accounted crops and structures have been paid for by the proponent.)</i></p> <p>Atty. Norlaine C. Omar, <i>NIA Regional Office XII:</i></p>
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			<i>the new crops for payment for acquisition because these are beyond the accounted budget that the office has requested.)</i>
Concern on Land Valuation	Henry M. Bayotlang Landowner, Brgy. Maybula	<p>May area po doon sa taas na nadaanan ng canal. Yung concern ko po kung magkano talaga ang standard na presyo na per square meter na dadaanan ng canal. Dati kasi, kami ang nauna na daanan ng kanal. Ang presyo dati 20 pesos lang. Nagtaka ako nung nalaman ko sa may Minapan, 90 pesos na sila. Papano naman kami? Hindi naman patas yon.</p> <p><i>(My concern is on the standard cost per square meter for areas crossed by the canal. The land valuation in our area - the upper area - is only 20 pesos but in Minapan, the value is at 90 pesos.)</i></p> <p>Nadaanan na po ang area namin. Yung mga puno doon naputol na lahat, ang down lang sa akin is Php 88,000 lang. Malaki pa ang kulang. Matagal na ito four years ago na. Bago sila pumasok sa area yun ang pinag-usapan namin.</p> <p><i>(Our area has already been evaluated. All the trees were cut down, and the payment I received was only Php 88,000.00 which is a significant shortfall. Before they entered the area, that was what we agreed upon.)</i></p>	<p>Aris B. Marilao, <i>EIA Team Leader:</i></p> <p>Kapag may ganon na issues, andyan po ang Grievance Redress Mechanism natin na kung saan pwede kayo magbigay ng reklamo through letter. Isubmit lang po iyon at gagawan ng paraan.</p> <p><i>(When there are such issues, we have our Grievance Redress Mechanism where you can file a complaint through a letter. Just submit and the proponent will address it accordingly.)</i></p> <p>Atty. Norlaine C. Omar, <i>NIA Regional Office XII:</i></p> <p>Regarding po sa time na nabayaran kayo, I assure you we will have a meeting po para mafacilitate po natin ang grievances niyo. Ang sa standard naman po ng valuation ng mga lupa natin, under Right of Way Act, hindi po si NIA ang magbibigay ng valuation. Ang ginawa po ng opisina, sa batas po natin kailangan magprocure kami ng government financial institution. That is either the Landbank or the DBP. Si Landbank of the Philippines po ang prinocure namin. Sila po ang nag-assess dito at nagbigay ng valuation sa lupa. May variants lang po siguro but I can show you the report po ng Landbank. Regarding po sa issues ninyo, let's set a meeting para ma-assess ko po yung mga issues ninyo.</p>

			<p>This is a notice for everybody. The valuation ng land is given by the Landbank of the Philippines being the GFI. As to the valuation ng crops and structures and improvements natin, partner agencies po natin ay from DENR, from Department of Agriculture, and the Provincial Assessor's office po ang binasehan natin ng valuation ng crops and structures which are all current market values. Nakaresolution po yan pirmado ng project valuation committee natin, yun din po yung sinusunod namin.</p> <p><i>(Regarding the timeline of the payment, rest assured that we will have a meeting to address your grievances. As for the standard valuation of the land, under the Right of Way Act, it is not the NIA that provided the valuation. NIA is required by the law to procure a Government Financial Institution for this purpose. In this project, the office procured the services of the Landbank of the Philippines. The LBP conducted the assessment and provided the valuation of the land. There may be some variations, but the office can show you the Landbank's report.</i></p> <p><i>As for the valuation of crops, and structures and improvements, the basis for these are the NIA's partner agencies including the DENR, the Department of Agriculture, and the Provincial Assessor's Office. The valuation is based on the current market values signed under a resolution by the project valuation committee.)</i></p>
Concern on Right of Way Acquisition Payment	Maria Divina Dumalayang Landowner, Brgy. Bual, Tulunan, North Cotabatp	Wala feedback kung ano ang status sa mga payments since ginputol na ang mga trees. So ano ang pwede ko i-deliver sa mga kabarangay nga i-show nga pirme ginaraise up ang payment?	<p>Engr. Doroteo A. Canja, <i>Division Manager NIA-CIMO:</i></p> <p>Pag-abot sa payments sang Right of Way, wala pa kita sang may ginabayran. Ginarequest na naton ang pondo para sa mobilization.</p>

		<p><i>(There has been no feedback regarding the status of payments since the trees were cut down in our lands. What can I deliver to my fellow residents who are concerned about payment?)</i></p> <p>Naubos na ang mga lubi. Ang pasalig, December magkakwarta kami kay utdon na so dapat wala nagcommit sang payment para ang tao either maghatag sang Permit to Entry or Permit to Cut. Ang akon lang tani, ang amon mga crops kay tani napuslan pa namon.</p> <p><i>(The coconut trees have been cut already. The promise was the by December, we would receive payment since cutting was going to start. There should not have been any commitment to payment, and let the people to either provide a Permit to Entry or Permit to Cut. We could have still benefitted from our crops instead of them being cut down.)</i></p>	<p><i>(In terms of payments for the Right of Way, we have not released any funds yet for the area crossed by the main canal. We are still requesting funds for mobilization.)</i></p> <p>Engr. Doroteo A. Canja, <i>Division Manager NIA-CIMO:</i></p> <p>Sige ma'am tan-awon naton kay baka ang nakaistorya nimo kay ang contractor then wala kaabot sa akon. Karon ongoing ang inventory sang mga area na wala naagian sang contractor. Once nga maenumerate nga naagian to sang inventory, tas maabot ang pondo i-consider naton una tong sa inyo nga wala nabayran.</p> <p><i>(Perhaps you spoke with the contractor and the information didn't reach the manager's office. Currently, the inventory of areas not yet covered by the contractor is ongoing. Once your area is included in the enumeration of areas covered by the contractor, NIA will prioritize your area once the requested funds have been downloaded.)</i></p>
Concern on Right of Way Acquisition Payment	Romilyn Tanate <i>Land Owner, Brgy. Maybula, Tulunan Cotabato.</i>	<p>Ang worry namon karon, basi magstart ang dam indi man kami mabayaran. Unta indi na mahitabo sa amon sa babaw ang nahitabo sa ila.</p> <p><i>(The concern is that the dam construction might begin, and we won't get our payments. We hope that what happened to</i></p>	<p>Engr. Rodolfo A. Tuyay, <i>Hearing Officer, DENR – EMB Regional Office 12:</i></p> <p>Hambal ni Attorney, mintras nga indi kamo mabayran, hindi kamo maghatag sang patnugot nga magsulod sa inyo private property.</p>

		<i>other areas covered by the project won't happen to us in the upper areas.)</i>	<i>As mentioned by Attorney earlier, for as long as you have not been paid, you have the right to decline permission for NIA to enter your own private property.</i>
Concern on Unpaid Labor	Lilibeth Pedroso Brgy. Kagawad, Brgy. Minapan, Tulunan	<p>Ang akong concern kay about sa contractor. May ara kami sa Brgy. Minapan na nag-ubra sa lining. Wala nabayaran sang contractor ang iya labor.</p> <p><i>(A worker from Brgy. Minapan was contracted to work on the lining of the canal. The concern is that the contractor did not pay his labor.)</i></p>	<p>Atty. Norlaine C. Omar, <i>NIA Regional Office XII</i>:</p> <p>Ang contractor sila po ang gumagawa ng civil works pero as to relationship ng contractor to its bidder, si contractor na po talaga ang makakasagot no'n. I cannot give a commitment sa inyo ma'am pero note namin.</p> <p><i>(The contractor is responsible for the civil works of the project, including its relationship with its workers. The NIA cannot make any commitments in relation to the concern but we'll take note of it.)</i></p>
	Henry M. Bayotlang Landowner, Brgy. Maybula	<p>Ang concern ko sir paano ko ma-use ang canal kay 15 feet seguro ang dalom ka alagyan sang canal compare sa akon area. Pwede magrequest og bisan pump lang para may magamit ko sa akon area.</p> <p><i>(How can I use the canal when it is 15 feet deep from my area. Is it possible to request a pump from NIA so that I can utilize the canal for my area?)</i></p>	<p>Engr. Doroteo A. Canja, <i>Division Manager NIA-CIMO</i>:</p> <p>Sige sir, i-consider namin.</p> <p><i>(We will consider, sir)</i></p>
Motion to Adjourn	Oscar T. Tadiaque, President, Maybula Communal Irrigators Association	I move to adjourn this consultation meeting.	
Motion to Adjourn	Ronie F. Amar, President, Maybula BAWASA	I second the motion.	

Recap of Issues and Concerns Raised	Engr. Jess Roland Cammayo Master of Ceremony/ Technical Staff, EMB- CO	Here are the issues and concerns raised during the forum: <ul style="list-style-type: none"> • Relocation/Resettlement • Concern on the flooding • Dam Break/Dam Failure • Damage on the Facilities and the Affected Property • Additional Request to Enhance Accessibility • Seedlings • Right of Way Compensation • Valuation of Land 	
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ANNEX J

PHOTO DOCUMENTATIONS

Tulunán SRIP Public Hearing
April 04, 2024
Maybula Covered Court, Brgy. Maybula, Tulunán, North Cotabato



Photo 1: Venue of the Public Hearing for Tulunán SRIP



Photo 2: Pre-registration for the Tulunán SRIP Public Hearing



Photo 3: Opening flag ceremony of the San Felipe SRIP Public Hearing



Photo 4: Welcome remarks given by Mr. Antonio Bedaña, Brgy. Captain, Brgy. Maybula, Tulunán, North Cotabato



Photo 5: Engr. Jes Roland Cammayo, a Technical Staff member from EMB – Central Office and one of the Case Handlers discussing the overview of the Public Hearing's objectives and structure.



Photo 6: Engr. Godfrey Respicio, Project Supervising Engineer of NIA-Cotabato Irrigation Management Office, providing a brief description and outlined the components of the dam project.



Photo 7: Mr. Aris Marilao, the EIA Study Team Leader of the proponent's consulting team, discussing the results of the EIA study.



Photo 8: Engr. Rudolfo A. Tuyas hearing officer for the Tulunan SRIP Public Hearing from EMB Regional Office 12 discussing the house rules for the open forum.



Photo 9: Tammy Egkayogen, Secretary, Brgy. Elbebe, Datu Paglas, Maguindanao raising his concern about the relocation site for the affected people.



Photo 10: Jonathan Alacapa, Punong Barangay, Brgy. Minapan, Tulunan, North Cotabato inviting the proponent to attend their barangay assembly to personally ask the consent of Brgy. Minapan about the project.



Photo 11: Joe Hernandez, Project Manager of Maybula Integrated Farming Association raising his concern regarding the anticipated flooding caused by the project.



Photo 12: Ronie F. Amar, President, Maybula BAWASA, Brgy. Maybula, Tulunan, North Cotabato raising his concern about the preventive and precautionary measures for project construction.



Photo 13: Mike F. Veniegas, Kagawad, Brgy. Minapan, Tulunan North Cotabato raising his concern regarding the provision of access road, provision of seedlings and the right-of-way acquisition payment.



Photo 14: Sahid M. Nanding, Kagawad, Brgy. Elbebe, Columbio, Sultan Kudarat raising his concern regarding the political boundaries of the project area.



Photo 15: Jimmy Duenas, Former Provincial Federation President of All Irrigators Association North Cotabato expressing his support for the project.



Photo 16: Duruin Ramie Paz, Former Brgy. Captain, Brgy. Minapan raising his concern regarding presentation of the project to the public.



Photo 17: Rogelio Pidoy, Sitio Leader, Bagong Silang, Brgy. Maybula, Tulunan, North Cotabato raising his concern regarding land ownership and political boundaries.



Photo 18: Diony Cresancio Land Owner, Brgy. Maybula, Tulunan, North Cotabato raising his concern regarding the damage to livelihood of the project.



Photo 19: Henry M. Bayotlang, Landowner, Brgy. Maybula, Tulunan, North Cotabato raising his concern regarding land valuation.



Photo 20: Maria Divina Dumalayang, Landowner, Brgy. Bual, Tulunan, North Cotabato raising her concern regarding the right-of-way acquisition project.



Photo 21: Romilyn Tanate, Land Owner, Brgy. Maybula, Tulunan North Cotabato raising his concern regarding the Right of Way Acquisition Payment



Photo 22: Lilibeth Pedroso, Brgy. Kagawad, Brgy. Minapan, Tulunan, North Cotabato