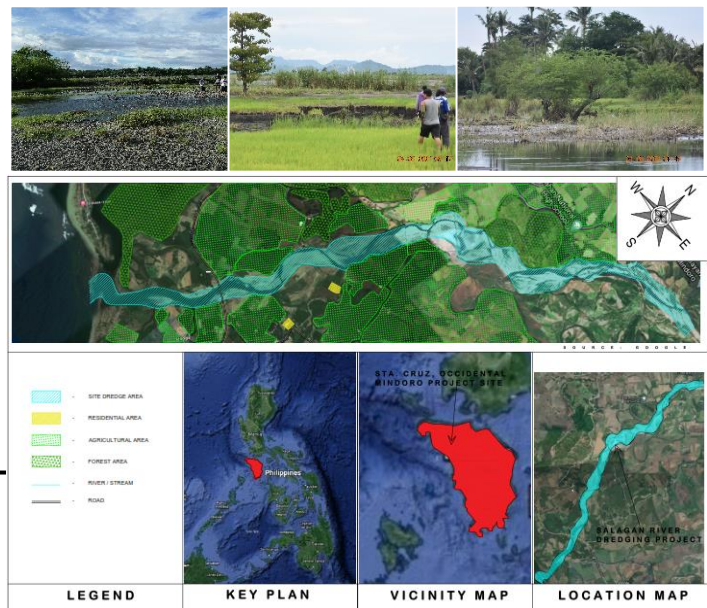




# 2022

## Amnay River Dredging and Desilting Project Sablayan, Occidental Mindoro

### Project Description Report for Scoping



Technical PD Report of:

### **CITY PACIFIC GROUP, INC.**

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## Table of Contents

<b>1. Introduction .....</b>	<b>3</b>
<b>2. Project Description .....</b>	<b>4</b>
<b>2.1 Project Rationale .....</b>	<b>5</b>
<b>2.2 Project Alternatives .....</b>	<b>5</b>
2.2.1 Site and Technology Selection .....	5
2.2.2 Siting .....	5
2.2.3 Technology and Design .....	6
2.2.4 No Project Option .....	6
<b>2.3 Project Components .....</b>	<b>7</b>
<b>2.4 Project Location and Area .....</b>	<b>8</b>
<b>2.5 Project Proponent .....</b>	<b>9</b>
<b>2.6 Projected Timeframe of the Project Phases .....</b>	<b>9</b>
<b>2.7 Preliminarily Identified Environmental Impacts and Enhancement Measures .....</b>	<b>12</b>
<b>3. Information, Education and Communication (IEC) Campaigns and Consultation Meetings .....</b>	<b>14</b>
<b>3. Results of Perception Survey .....</b>	<b>18</b>
<b>4.1 Respondents' Profile .....</b>	<b>19</b>
<b>4.2 Project Awareness .....</b>	<b>19</b>
4.2.1 Benchmark Awareness/Knowledge .....	19
4.2.2 Project Knowledge .....	22
4.2.1 Sources of Information on the CPGI Project .....	22
<b>Appendix A IEC documentation .....</b>	<b>23</b>
A-1 IEC and Project Communications, Invitation letters, Letter of Support .....	23
A-2 IEC PowerPoint presentation .....	23
A-3 Project poster .....	23
A-4 Issue-Response table, photo documentation and attendance sheet .....	23
<b>Appendix B Perception survey documentation .....</b>	<b>54</b>
B-1 Perception survey questionnaire .....	54
B-2 Photo documentation .....	54
B-3 Basic Profile of Respondents .....	54
B-2 Photo documentation .....	61
B-3 Basic Profile of Respondents .....	63
<b>Appendix C Proposed list of invitees for the public scoping .....</b>	<b>63</b>



## 1. Introduction

The River Dredging Zone identified for Amnay River is focused on main active channel starting from the mouth of the river towards Amnay Bridge in Calintaan, Occidental Mindoro. Focus mainly on the areas where erosion of the river banks is dominant, areas with heavily siltation with adjacent community affected, and sediment accretion areas that have elevations almost with same level of river terraces. Dredging along the main active channel of Amnay river increase the surface water volume capacity and decreasing the overflow of surface water towards the multiple distributary streams and the nearby adjacent communities that are susceptible to marine flooding.

The primary objective of this project is to remove sand and gravel from the lower Amnay River Channel to restore the carrying capacity of the river. The dredging project aims to increase the flow capacity of the main channel of Amnay River, improve the local drainage of adjacent communities and prevent bank erosion/collapse. The project is deemed urgent and necessary due to the increasing occurrences of overflows of Amnay River. The adjacent areas of the proposed dredging project are classified as with high flood susceptibility per the Mines and Geosciences Bureau (MGB). In so doing, the secondary projects purpose is to preserve the stability of the existing infrastructures along the Amnay River such as the Amnay Bridge and river dikes established for flood control and assist in sustained provision of flood control services. CPGI is applying for an environmental Compliance Certificate (ECC) with the Department of Environmental and Natural Resources Environmental Management Bureau (DENR-EMB) for the Project, and has commissioned FORESTERPLAN.

(FORESTERPLAN) to conduct the Environmental Impact Assessment (EIA) and prepare the Environmental Impact Statement (EIS) as part of the ECC application. This Project Description for Scoping (PDS) is being submitted to the DENR-EMB Central Office as a prerequisite requirement for the conduct of Public Scoping for the Project, as part of the requirements of DENR Administrative Order (DAO) 2017-15 (Guidelines on Public Participation under the Philippine Environmental Impact Statement (EIS) System). The PDS consists of the following documents:

- Project description (**Section 2.0**);
- Proof of conduct of IEC (**Section 3.0 and Appendix A**);
- Initial perception survey results (**Section 4.0 and Appendix B**);
- Proposed list of invitees for the public scoping (**Appendix C**);
- Draft invitation letter and IEC materials in preparation for the public scoping (**Appendix D and E**); and
- Draft presentation of the project during public scoping (Appendix F).



## 2. Project Description

CPGI is proposing to improve and rehabilitate the current condition of Amnay River. The primary objective of this project is to remove sand and gravel from the lower Amnay River Channel to restore the carrying capacity of the river. The dredging project aims to increase the flow capacity of the main channel of Amnay River, improve the local drainage of adjacent communities and prevent bank erosion/collapse. The project is deemed urgent and necessary due to the increasing occurrences of overflows of Amnay River.

**Table 1** Basic Project Information.

<b>Name of Project</b>	Amnay River Dredging and Desilting Project
<b>Location</b>	Sablayan, Occidental Mindoro
<b>Nature of Project (Based on EMB-MC 2014-005)</b>	Extraction of Non – Metallic Minerals such as A. Extraction of Sand and Gravel (including stone and dredging with with/intended for recovery/use of materials)
<b>Size/Scale</b>	<i>Dredging</i> Cutter suction dredging sand from settling/catchment basin at a maintained 120m x 120m x 10m operating area; Dredging/Desilting of 14,000 l.m. water channel of Amnay River
<b>Land Area</b>	<ul style="list-style-type: none"> <li>▪ Pilot Channel dredging area 503.322 hectares;</li> <li>▪ 40m x 2m from pilot channel to settling basin;</li> <li>▪ Estimated Extractable Area 509.322 hectares from river mouth up to 14.0 km upstream</li> </ul>
<b>Project Proponent</b>	CITY PACIFIC GROUP, INC. (CPGI)
<b>Proponent Representative</b>	MS. MAYUMIE F. SANTOS 2nd Flr. V&A Bldg. A. Soriano Highway Brgy. Ibayo Silangan Naic, Cavite +63950-041-2017 <a href="mailto:direplan.enrico@gmail.com">direplan.enrico@gmail.com</a>
<b>EIS Preparer</b>	FORESTEREPLAN Landscape Consultancy Service
<b>Company Representative</b>	ENRICO L. REPLAN President L16, B7 Villa Carangal Subd. Brgy. Putho-Tuntungin, Los Banos, Laguna +63936 – 743 – 5539 <a href="mailto:forestereplan.consultancies@gmail.com">forestereplan.consultancies@gmail.com</a>



## 2.1 Project Rationale

The project is targeted to increase the flood control conveyance capacity of the Amnay River, resulting in the reduction of the flood inundation area and flood susceptibility of adjoining areas in the Municipality of Sablayan. The primary objective of this project is to remove sand and gravel from the lower Amnay River Channel to restore the carrying capacity of the river. The dredging project aims:

- To increase the flow capacity of the main channel of Amnay River;
- Removal of sand gravel limited to the areas designed as the pilot channel and a silting/catchment basing along the Amnay River;
- Protection of bridge column protection measures.
- Provision of bank protection measures.
- Transport of sand and silted products to disposal destinations.
- Environmental protection and mitigation plan;
- Disaster risk reduction and climate change adaptation methodology;
- Improve the local drainage of adjacent communities and prevent bank erosion/collapse. The project is deemed urgent and necessary due to the increasing occurrences of overflows of Amnay River;
- Contribute to the economic and social development of Mindoro Province; and
- Meet the Philippines' growing demand for building materials by providing a reliable, affordable, and sustainable source of sand and aggregates;

## 2.2 Project Alternatives

### 2.2.1 Site and Technology Selection

#### 2.2.2 Siting

On the other hand, no alternative sites were considered since the selected site needs immediate environmental enhancement, mitigation, and correction to avoid further damage from flooding and other hazards that involves the river (e.g., occurrence and incidence of massive flooding, siltation). However, the above-mentioned primary indicators were considered and taken into account to minimize the environmental and social impacts of the project. Data regarding the other source of resource materials are not yet obtainable. If the proposed dredging and desilting project will not push through, the surrounding communities of the Amnay River are continually exposed and at the forefront in flooding risks affecting their health, lives, livelihood, welfare, properties and safety. This further affects the local and municipal economy of the area as flood hazards will deject ventures of businesses and other employment prospects in the area.



### 2.2.3 Technology and Design

Project planning pre-operation and preparation phase will include the following activities which are not expected to generate severe environmental impacts. There are a lot of dredgers that can be used for Reclamation project. Among them are the Typical Cutter Suction Dredger (TCSD), Trailer Hopper Suction Dredger (TSHD), Cutter-suction dredger, Auger suction, Bucket chain, Grab dredger, Backhoe dredger, Pneumatic dredger, and many others. The TCSD classified as a hydraulic machinery can work in both protected and unprotected waters and has the advantage of being self-propelled which means they can move themselves and cause minimum disruption to dredging and desilting vessel traffic. They are unique in a sense that they use their self-propulsion during dredging process of sediment from a borrow area and transport the dredged material to the reclamation site.

Compared to the use of the other dredging equipment that may generate larger quantity of suspended sediments, the TCSD can only create and produced limited level of sediments and turbidity. This occurs when loading of the side boats take place with an overflow of excess water containing fine particles. This can however be overcome by reducing the overflow of water in the hoppers or by recycling part of the overflow.

With these, CPGI decided to employ careful dredging method by using Typical Cutter Suction Dredger (TCSD) to collect the sediments in the riverbed such as mud, sand, and gravel. The use of silt curtains and retention means at the dredging and desilting site shall also be implemented to reduce further turbidity. On the other hand, there were other options such as Anti-sedimentation infrastructures, sediment projections, and other dredging alternatives.

### 2.2.4 No Project Option

No other alternatives were considered other than dredging and desilting approach as an enhancement and flood control measures for the area of concern. As technically define, dredging and desilting is a type of underwater and subsurface (underneath water level) excavation of sediment for various environmental enhancements including: environmental enhancement of river, ecology, remediation, flood protection, drainage improvements and navigable purposes. Dredging is a beneficial process that can be applied to the environment as it will remove and declog or clear sediments thereby improving water quality and flow and aid in the restoration of the health of aquatic ecosystems/river ecology. Dredging, on the other hand, can also provide sands and gravels for construction and reclamation projects. The dredging of Amnay river ensures clear passage through its river channel and further reduces flooding risk in the surrounding areas. The dredging and desilting of Amnay River will improve the drainage of rainfall and upland water sources, minimizing flood damages consequently improving the quality of life, capacity and flow in the surrounding communities of the river.



## 2.3 Project Components

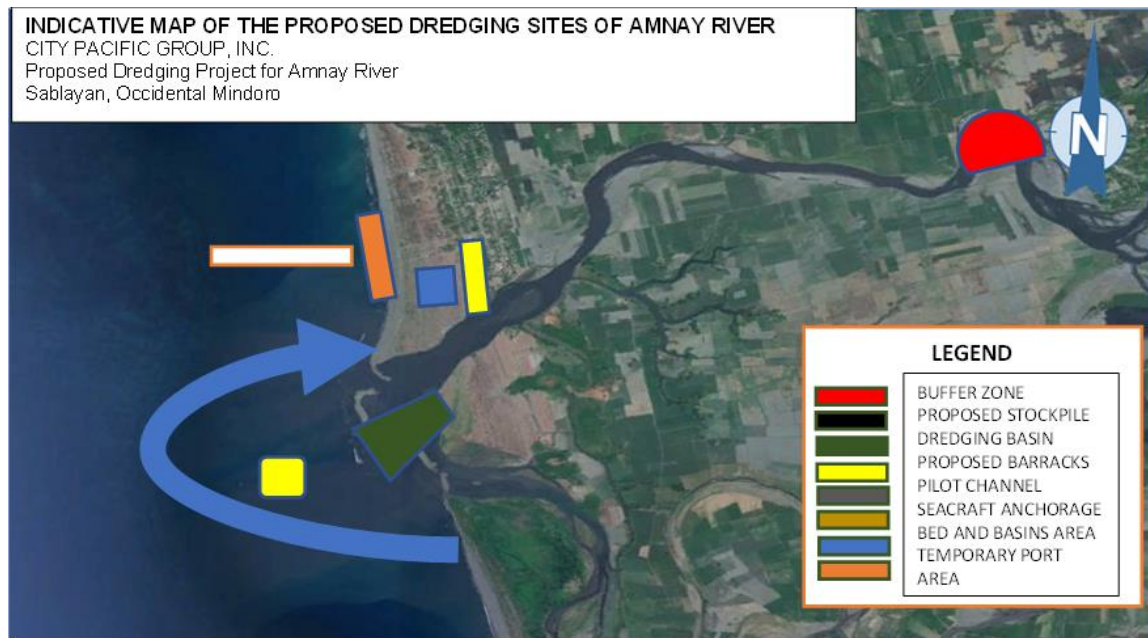
The various components of the Project include:

1. Buffer zone within the river beds totaling 48.35 hectares, intended for protection of government infrastructure where no dredging operation shall be undertaken. Central pilot channel and trading be seen along the river totaling of 557.627 hectares wherein the dredging shall be confined
2. Bridge and dikes protection measures
3. Material Stockpile
4. Marine anchorage area; and
5. Cost recovery through sales of dredge materials subject to appropriate government registration regulation government regulations.

The project area of 509.322 hectares has broken into:

1. Buffer Zone 48.35 hectares
2. Pilot Channel dredging area 503.322 hectares.
3. Dredging Basis of 150 m x 10 m depth (2.25 hectares);
4. Estimated Extractable Area 509.322 hectares from river mouth up to 14.5 km upstream.

The indicative locations of the project components are shown in **Figure 1** while **Table 2** presents the overview of the major project components. Details about each component are further discussed in the succeeding sections.



**Figure 1 Indicative location of the project components**



**Table 2** Overview of the Main Project Components

Project Components	Details	Approximate Size/Capacity
<b>Dredging Vessel</b>	Self-Discharge Barge	5,000 MT
	Bucket Chain Dredger	1,000-1,500 mt / hr
	Trailing Suction Hopper Dredger 3,500 KW ( <b>submarine dredge pump unit in SB Suction pipe</b> )	1,000,000 mt/month/dredger
	Cutter Suction Dredger with Hopper Barge (minimum 3,000 HP) Hooper Capacity	1,000 m <sup>3</sup> /hour
<b>Support Equipment</b> (Land base equipment)	Backhoes	1 m <sup>3</sup>
	Dump Trucks	15 m <sup>3</sup>
	Wheel Loader	1 cbm
	Excavator	1
<b>Common Auxiliaries</b>	Staff Quarters/Barracks	Office (20 employees)
	Yard landfill and flatwork	1.4306 has
	Site Engineer Working Area	1
	Administration Building, workshop and warehouse	1

## 2.4 Project Location and Area

The proposed dredging project is located along the Amnay river basin, a 74.700 watershed, covers portion of the following Barangays Claudio Salgado, Ilvita, Lagnas, Pag-asa and Victoria in the Municipality of Sablayan. The DENR River Basin Control Office (RCBO) (undated) states that Amnay River has a drainage area of 466 square kilometers and an estimated 746 million cubic (MCM) annual run-off. The basin area has five geological classification and characterized to have more than 50% slope and elevation as high as 2,200 meter above sea level.

According to Paringit and Pascua (2017), five (5) soil types cover Amnay River while its river basin it also covered by cultivated areas mix with brush land, grass lands, closed canopy with mature trees covering more than 50% while its open canopy with mature trees covering less than 50% of mangrove mossy forests, arable land with cereals as main crops, crop lands mixed with coconut plantations and riverbeds. However, based on observations in the present area, the site is surrounded by shrubbery and agricultural lands. The indicative geographical coordinates defining the boundary of the project site are shown in **Table 3** and the general location map of the project site is shown in **Figure 1**.

As reported by Mines and Geoscience Bureau, Barangay dwelling near Amnay River have a high risk to flooding. On the other hand, landslide susceptibility is none to very slow. The approximate Geographical Coordinates of the project site as shown below:



**Table 3** Indicative Coordinates of the Project Site.

ID CODE NUMBER (in km distance interval)	Geographical Coordinates COORDINATES	
STA + 1	12.56'30" N	120.46'15" E
STA + 2	12.56'52" N	120.46'37" E
STA + 3	12.57'14" N	120.46'57" E
STA + 4	12.57'30" N	120.47'28" E
STA + 5	12.57'23" N	120.48'03" E
STA + 6	12.57'24" N	120.48'34" E
STA + 7	12.57'18" N	120.49'08" E
STA + 8	12.57'19" N	120.49'48" E
STA + 9	12.57'20" N	120.50'29" E
STA + 10	12.57'39" N	120.51'05" E
STA + 11	12.57'42" N	120.51'42" E
STA + 12	12.57'29" N	120.52'12" E
STA + 13	12.57'15" N	120.52'49" E
STA + 14	12.57'14" N	120.53'20" E

## 2.5 Project Proponent

City Pacific Group, Inc., (CPGI) is a Philippine corporation duly registered with the Securities and Exchange Commission (SEC) since February 23, 2019 as a trading company that strongly focuses on exporting various products from the Philippines. CPGI initially aimed to provide engineering excellence in the field of dredging, river rehabilitation and desilting projects on provinces that needs our services. We have enough manpower than can be depended upon, a company you can trust and give assurance to every word we commit.

CPGI are engaged to provide best quality Sand & Aggregates for Reclamation, Infrastructure and Construction purposes. City Pacific Group, Inc. is situated at V&A Bldg, A Soriano Highway, Barangay Ibayo Silangan, Naic Cavite.

## 2.6 Projected Timeframe of the Project Phases

The projected timeframe of the different project phases is shown in **Figure 2**. At present, the Project is in its early-stage development which includes the EIA process, engineering and design, field surveys and technical study that will last until November 2021. The commercial operations period is expected to commence in October 2022 and last until 2040. Preliminary activities will include site preparation (~2 months). The project will begin its commercial operations by January 2022 and will be operational for 18 years. During the construction phase, A site management office with nearby accommodation for the crew of dredger and anchor barge will be established outside the river bank zone. Residential facility will be temporary constructed for this purpose. All water and power supply will be source from existing water and power service provider. It is assured that residential structure is provide with adequate domestic waste water management facility.

CPGI will appoint a contractor with experience to carefully perform the dredging activities. Pre-construction survey shall be conducted jointly by the representatives of the implementing agency, the engineer, and the contractor. On the other hand, Placards showing the name of the project station limits, package number, name of contractor shall always be visible during construction until after the project has been accepted by the implementing agency. Moreover, as-built drawing shall

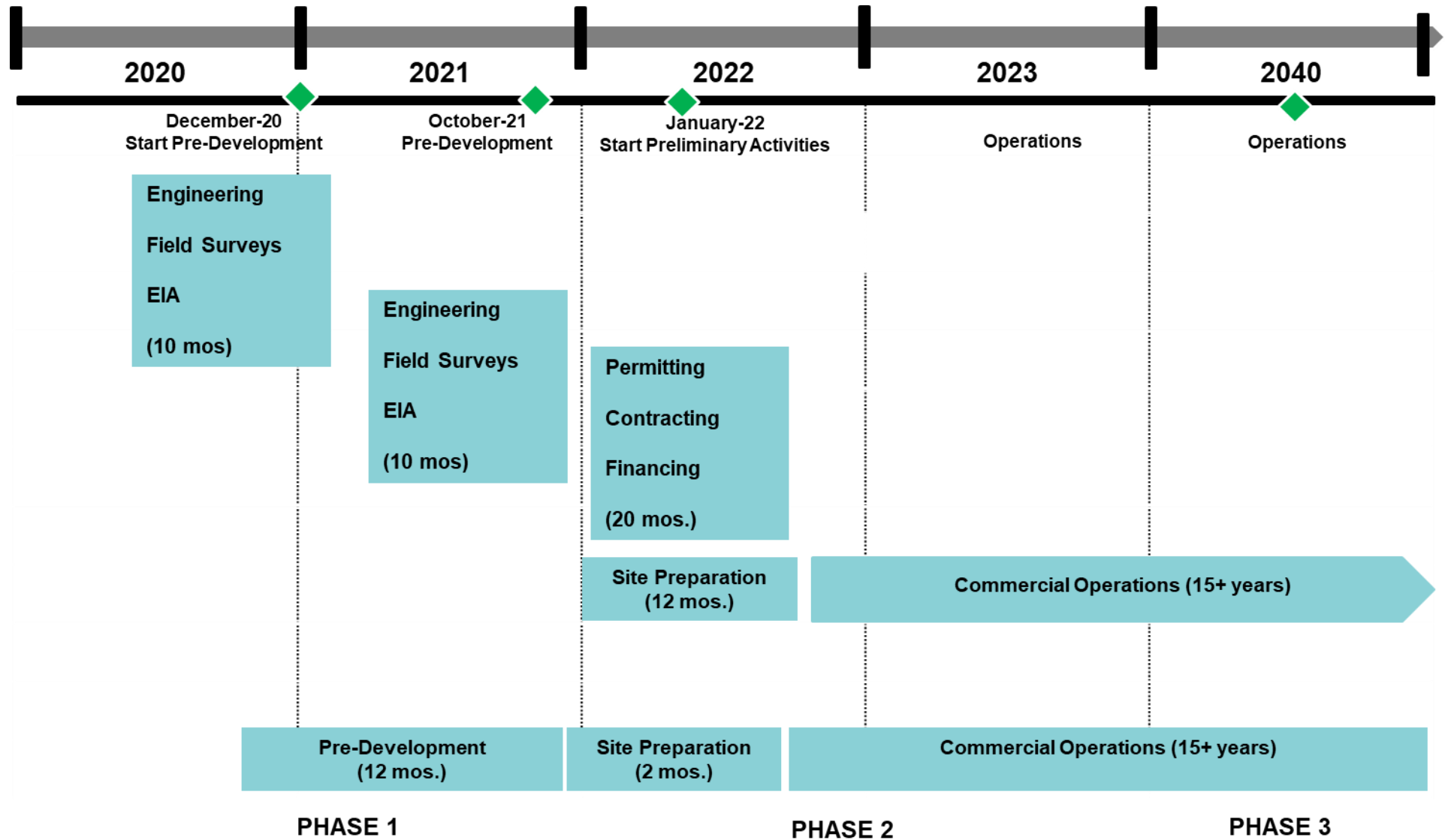


be done by the contractor based from the post. Further, construction survey of completed segment featuring the deviation from approved contractor plans. The contractor shall be prepared as-built drawing on the completed segments as construction progresses to minimize the review period after the construction subject for checking by the engineer. For the specific project phase, cutter Suction Dredger will open up river delta (or shore entrance channel). Then, cutter suction dredger will break up and dredged sand from setting/catchment Basin at a maintained dimensions operating area to provide provisions for natural repose of materials at edges of basin. The engineers will make sure the process of laying the geotube retaining walls for the sitting/catchment basin in appropriate locations under the supervision of the project manager to be undertaken in dry season. A suitable mounted small crane will be needed to lay the geotube retaining wall. The geotube suppliers also provide the engineers to oversee the installation. Necessary hosting equipment are provided by the proponent. Specific to the project components is an opening for the 40m x 2m from pilot channel to settling basin is maintained free and unobstructed to catch in flows from the pilot channel.

Further, the pilot channel is stretched by an amphibious according to approved dredging plan. Sand is piped by hydraulic means to waiting barge near the shoreline. In this case, repetitive removal of sand overburden by the dredger, conveyance of dredged materials to head barge by hydraulic means and haul out of dredged materials by cargo barge to designated disposal site. The repetition continues until desired river bed elevation is attained. In general, the designated sand and gravel disposal site shall have adequate facilities to handle the volume of sand materials without causing negative environmental effects. Major to the project phase is the monitoring of the sediment volume to be dredged by the Project will only be limited to what is available in the pilot channel and the sitting/catchment basin, which have to be maintained according to design as discussed in the preceding sections.

Finally, the bridge column and flood control dike like facing will be regularly fully reinforced with armor rocks cover to protect against scouring forces as early when downward movement of river bed expose the substructures. Lowering of river bed is expected. As it is how Amnay River will regain/attain flood handling capacity for a 50-year-old ARE flood (available studies from Phil-LADAR 1 and PAGASA). As necessary, the Proponent may organize additional dredging teams to maintain the dredging areas as per specified dimensions, to facilitate continues flow and removal of the destructing sand and gravel materials.





**Figure 2** Project Timeframe of Amnay Dredging Project.



## 2.7 Preliminarily Identified Environmental Impacts and Enhancement Measures

The preliminarily identified environmental impacts of the Project and their corresponding mitigation/enhancement measures are presented in **Table 4**. These identified potential environmental impacts are based on the initial characterization of the project site and will be updated upon completion of the baseline field surveys.

**Table 4** Preliminarily identified impacts and mitigating measures

Preliminarily identified impacts		Proposed mitigation/ enhancement measures
<b>Land</b>		
Potential soil erosion /loss of topsoil during dredging.		<ul style="list-style-type: none"> <li>Dredging will be undertaken only inside the River Dredging Zones (RDZ) and approved dredging plan;</li> <li>Provision of erosion and sediment control measures during dredging</li> </ul>
Vegetation disturbance such as dust		<ul style="list-style-type: none"> <li>All statutory requirements relating vegetation care and preservation will be secured from DENR prior clearing activities.</li> </ul>
Potential increase in the population of introduced fauna species due to improper waste management		<ul style="list-style-type: none"> <li>Proper management of waste derived from the dredging operation within the project site and temporary site office will be strictly implemented and in compliance with existing local regulation</li> </ul>
<b>Water</b>		
Potential change in water quality		<ul style="list-style-type: none"> <li>An emergency spill prevention and response/ contingency plan will be developed and implemented</li> <li>Any used oils from dredging equipment will be stored in a temporary hazardous waste storage area</li> <li>An emergency oil spill prevention and response will be established and implemented</li> </ul>
Potential water competition		<ul style="list-style-type: none"> <li>Water during dredging operations will be source from the river</li> </ul>
Potential impact to marine ecosystem		<ul style="list-style-type: none"> <li>Sewage from dredging vessels tugs and LCT will be treated and regularly monitored;</li> <li>Waste water discharge from dredging vessels, tugs and LCT will comply with local regulations</li> </ul>
<b>Air</b>		
Dust generation from dredging works, movement of vehicles and unpaved roads		<ul style="list-style-type: none"> <li>Regular dust monitoring will be conducted within the project sites</li> </ul>
Potential increase in emission particulate matters from, Dump trucks, Backhoe, Dredger, Tugboats / LCT		<ul style="list-style-type: none"> <li>Sub-contractor will be required to pass the vehicle emission tests prior to contract award</li> </ul>



Preliminarily identified impacts		Proposed mitigation/ enhancement measures
		<ul style="list-style-type: none"> <li>Regular air quality monitoring will be implemented</li> </ul>
Increase in noise level		<ul style="list-style-type: none"> <li>Noise generating activities will be implemented during day time where applicable</li> </ul>
<b>People</b>		
Potential employment opportunities for residents in nearby barangays leading to additional household income and livelihood opportunities		<ul style="list-style-type: none"> <li>Consideration of timing of shift changeovers and other traffic generating activities to avoid peak hours</li> <li>Preparation and implementation of a traffic management plan</li> </ul>
Potential employment opportunities for residents for residents in nearby barangays leading to additional household income and livelihood opportunities		<ul style="list-style-type: none"> <li>Consultation with the impact barangays on job requirements and hiring processes will be conducted to maximize local hiring;</li> <li>Priority hiring of qualified local residents</li> </ul>
Potential increase in vehicular movement in the area -- Dump trucks -- Backhoe -- Dredger -- Tugboats / Barges / LCT		<ul style="list-style-type: none"> <li>Consideration of timing of shift changeovers and other traffic generation generating activities to avoid peak hours;</li> <li>Preparation and implementation of a traffic management plan</li> </ul>
Potential threats to public health and safety		<ul style="list-style-type: none"> <li>An Occupational Safety and Health Program specific to the project will be established</li> </ul>
Potential increase in vehicular movement in the area		<ul style="list-style-type: none"> <li>Consideration of timing of shift changeovers and other traffic generating activities to avoid peak hours; and</li> <li>Preparation and implementation of a traffic management plan</li> </ul>



### 3. Information, Education and Communication (IEC) Campaigns and Consultation Meetings

The Information, Education and Communication (IEC) campaign were conducted from 01 to 03 October 2019. The IEC campaign involved IEC presentations with the barangay LGU and representatives from the Municipal Government of Sablayan, key-informant-interviews (KII), and focus group discussions (FGD). Information about the Project, the project proponent, EIA process, EIA consultant, and preliminary identified issues and concerns were discussed during the IEC campaign. Issues and concerns raised by the participants during the meetings were documented. A copy of the IEC invitation letter, IEC presentation, IEC poster/leaflet, IEC issue-response table, photo-documentation and attendance sheet are presented in Appendix A while the summary of key notes during the meetings is presented in **Table 5**.



**Table 5** Key notes during the stakeholder engagement activities

Activity Date and Venue	Attendees	Key notes
IEC at Barangay Claudio Salgado 2 October 2021 (Tuesday), 10:00 AM to 1:00 PM at Barangay Claudio Salgado hall/Covered Court	<ul style="list-style-type: none"> <li>Brgy. Chairman</li> <li>Local Residents</li> <li>Representatives from Municipal office (Sablayan)</li> <li>Host Barangays Representatives</li> <li>CPGI</li> <li>FORESTEREPLAN</li> <li>Concerned Community Groups (e.g., Youth, Fishermen, etc.)</li> </ul>	<ul style="list-style-type: none"> <li>Dredging in Amnay River was the priority of the Government;</li> <li>Heavy silted River in which the contractor will extract gravel and sand for which it will be sold by the Contractors;</li> <li>68 million m<sup>3</sup> of sand and gravel will be extracted from the dredging zone;</li> <li>Total revenue from the dredged materials will be divided into different percentages from the beneficiaries: Barangay, LGU Province and Municipality.</li> <li>Issues raised at different timelines and phases of the project (See Summary).</li> <li>Other related aspects of the project.</li> </ul>
IEC at Barangay Ilvita 1 October 2021 (Tuesday), 10:00 AM to 1:00 PM at Barangay Ilvita hall/Covered Court	<ul style="list-style-type: none"> <li>Brgy. Chairman</li> <li>Local Residents</li> <li>Representatives from Municipal office (Sablayan)</li> <li>CPGI</li> <li>FORESTEREPLAN</li> <li>Concerned Community Groups (e.g., Youth, Fishermen, etc.)</li> </ul>	<ul style="list-style-type: none"> <li>A Grievance Redress Mechanism (GRM) will also form part of the EIA report to address the grievances of the stakeholder in all phases of the Project.</li> <li>Aside from MMT meetings where consultation will be conducted either quarterly or semiannually, the company will conduct direct regular consultation meetings with the LGUs, the frequency of which will be determined as needed during the EIA. This will be included in the EMP as one of the proponent's commitments.</li> <li>The municipal government will earn financial benefits through Local Business Taxes/permits. This is in addition to the indirect business and employment opportunities that are expected to be created by CPGI (and its contractors) if and when the Project pushes through.</li> <li>The Project is in early-stage development. The location of the laydown areas and housing for the contractors have yet to be determined. CPGI and its contractors will work in consultation with the host barangays in instances where laydown areas and/or contractor housing will be located outside of the project site.</li> </ul>
IEC at Barangay Pagasa 3 October 2021 (Wednesday), 10:00 AM to 1:00 PM at Barangay Pagasa Barangay Hall	<ul style="list-style-type: none"> <li>Municipal Health Office</li> <li>Brgy. Chairman</li> <li>Local Residents</li> <li>Community Sectors</li> <li>BHO</li> <li>CPGI</li> <li>FORESTEREPLAN</li> </ul>	<ul style="list-style-type: none"> <li>The waste expected from the dredging operation will be limited to the solid and liquid waste from the Crew of Dredging Ship and Anchor Boat.</li> <li>The dredger and anchor boat will be required to each have a sink-shredder such as an ink-sink aerator which will shred debris safely for discharged to the sea.</li> <li>Waste receptacles for the collection of non-biodegradable and recyclable waste will be required. The contents of which will be disposed properly by bringing these in properly sealed containers, to regular Municipal Solid Waste collection area; and</li> </ul>



Activity Date and Venue	Attendees	Key notes
IEC at Barangay Claudio Salgado 2 October 2021 (Tuesday), 10:00 AM to 1:00 PM at Barangay Claudio Salgado hall/Covered Court	<ul style="list-style-type: none"> <li>Brgy. Chairman</li> <li>Local Residents</li> <li>Representatives from Municipal office (Sablayan)</li> <li>Host Barangays Representatives</li> <li>CPGI</li> <li>FORESTEREPLAN</li> <li>Concerned Community Groups (e.g., Youth, Fishermen, etc.)</li> </ul>	<ul style="list-style-type: none"> <li>Dredging in Amnay River was the priority of the Government;</li> <li>Heavy silted River in which the contractor will extract gravel and sand for which it will be sold by the Contractors;</li> <li>68 million m<sup>3</sup> of sand and gravel will be extracted from the dredging zone;</li> <li>Total revenue from the dredged materials will be divided into different percentages from the beneficiaries: Barangay, LGU Province and Municipality.</li> <li>Issues raised at different timelines and phases of the project (See Summary).</li> <li>Other related aspects of the project.</li> </ul>
		<ul style="list-style-type: none"> <li>Human liquid waste is to be pre-treated at the dredger and barges in accordance with the requirements of the MARINA which is consistent with the Sanitation Code of the Philippines;</li> <li>The solid waste from site office will be segregated according to RA 9003 properly contained, sealed and brought to the municipal garbage pick-up point according to the garbage collection schedule.</li> <li>The sanitation concerns of the site Office and Barracks shall be taken-care of by the Proponent as additional sanitation facilities and will be established to handle waste treatment capacity in the area.</li> </ul>
IEC at Barangay Victoria 4 October 2021 (Wednesday), 10:00 AM to 1:00 PM at Barangay Victoria Barangay Hall	<ul style="list-style-type: none"> <li>Municipal Health Office</li> <li>Brgy. Chairman</li> <li>Local Residents</li> <li>Community Sectors</li> <li>BHO</li> <li>CPGI</li> <li>FORESTEREPLAN</li> </ul>	<ul style="list-style-type: none"> <li>The solid waste from site office will be segregated according to RA 9003 properly contained, sealed and brought to the municipal garbage pick-up point according to the garbage collection schedule.</li> <li>The sanitation concerns of the site Office and Barracks shall be taken-care of by the Proponent as additional sanitation facilities and will be established to handle waste treatment capacity in the area.</li> </ul>
IEC at Barangay Lagnas 5 October 2021 (Wednesday), 10:00 AM to 1:00 PM at Barangay Lagnas Barangay Hall	<ul style="list-style-type: none"> <li>Municipal Health Office/PGO Reps.</li> <li>Brgy. Chairman</li> <li>Local Residents</li> <li>Community Sectors</li> <li>BHO</li> <li>CPGI</li> <li>FORESTEREPLAN</li> </ul>	<ul style="list-style-type: none"> <li>Sanitation concerns</li> <li>Road usage, safety and welfare</li> <li>Opportunities at the barangay for Livelihood</li> <li>Other concerns, etc.</li> <li>Employment activities should be prioritized in the Barangay;</li> <li>School supplies support for the affected individuals near the River.</li> </ul>
<b>Key-Informant-Interview</b> 06 October 2021 (Wednesday), 2:00 PM to 3:00 PM at Ilvita Barangay Hall	<ul style="list-style-type: none"> <li>LGU Municipality Officials</li> <li>Brgy. Chairman</li> <li>Local Residents</li> <li>BHO</li> <li>CPGI</li> <li>FLCS</li> </ul>	<ul style="list-style-type: none"> <li>A closely local residential facility will be rented for this purpose. All water and power supply will be sourced from existing water and power service providers. It is assumed that the residential structure is provided with adequate waste water management facility.</li> <li>Fuel, oil, and lubricants shall be supplied either by local fuel station or private oil company in the Municipality;</li> <li>The containers will be regularly brought on board the dredgers through the cargo barge.</li> </ul>



Activity Date and Venue	Attendees	Key notes
IEC at Barangay Claudio Salgado 2 October 2021 (Tuesday), 10:00 AM to 1:00 PM at Barangay Claudio Salgado hall/Covered Court	<ul style="list-style-type: none"> <li>Brgy. Chairman</li> <li>Local Residents</li> <li>Representatives from Municipal office (Sablayan)</li> <li>Host Barangays Representatives</li> <li>CPGI</li> <li>FORESTEREPLAN</li> <li>Concerned Community Groups (e.g., Youth, Fishermen, etc.)</li> </ul>	<ul style="list-style-type: none"> <li>Dredging in Amnay River was the priority of the Government;</li> <li>Heavy silted River in which the contractor will extract gravel and sand for which it will be sold by the Contractors;</li> <li>68 million m<sup>3</sup> of sand and gravel will be extracted from the dredging zone;</li> <li>Total revenue from the dredged materials will be divided into different percentages from the beneficiaries: Barangay, LGU Province and Municipality.</li> <li>Issues raised at different timelines and phases of the project (See Summary).</li> <li>Other related aspects of the project.</li> </ul>
		<p>This dispensing mechanism shall be required to have latch on mechanism with the recipient fuel tank before these release petroleum fuel.</p> <ul style="list-style-type: none"> <li>Prior the dredging operation, the tug, barge and dredger crew will be oriented on petroleum fuel management (likewise waste management, safety and disaster response) protocols and these will form part of the Dredging Contractor's Health, Safety and Environmental Management Plan.</li> </ul>
<b>Key-Informant-Interview</b> October 07, 2021 (Wednesday), 10:00 AM to 3:00 PM at Barangay Claudio Salgado Barangay Hall/Covered Court	<ul style="list-style-type: none"> <li>LGU Municipality Officials</li> <li>Brgy. Chairman and officers</li> <li>Local Residents</li> <li>Fishery Livelihood Group</li> <li>BHO</li> <li>CPGI</li> <li>FORESTEREPLAN</li> </ul>	<ul style="list-style-type: none"> <li>Bridge column and flood control dike like facing will be regularly fully reinforced with armor rocks cover to protect against scouring forces as early when downward movement of river bed expose the substructures. Lowering of river bed is expected.</li> <li>As it is how Amnay River will regain/attain flood handling capacity for a 50-year-old ARE flood.</li> <li>As necessary, the Proponent may organize additional dredging teams to maintain the dredging areas as per specified dimensions, to facilitate continues flow and removal of the destructing lahar materials.</li> <li>The designated lahar disposal site shall have adequate facilities to handle the volume of sand materials without causing negative environmental effects.</li> <li>The sediment volume to be dredged by the Project will only be limited to what is available in the pilot channel and the sitting/catchment basin, which have to be maintained according to design as discussed in the preceding sections.</li> </ul>
<b>Focus Group Discussion</b> 08 October 2019 (Thursday), 11:30 AM to 12:30 AM at Barangay Pagasa Barangay Health Office	<ul style="list-style-type: none"> <li>LGU Municipality Officials</li> <li>Brgy. Chairman and officers</li> <li>Local Residents</li> <li>Fishery Livelihood Group</li> <li>BHO</li> <li>CPGI</li> <li>FORESTEREPLAN</li> </ul>	<ul style="list-style-type: none"> <li>The volume of land to be removed to restore the flood carrying capacity of Amnay River; and</li> <li>As raised by Brgy. Officers, Pre-construction survey shall be conducted jointly by the representatives of the implementing agency, the engineer, and the contractor.</li> <li>Placards showing the name of the project station limits, package number, name of contractor shall always be visible during construction until after the project has been</li> </ul>



Activity Date and Venue	Attendees	Key notes
IEC at Barangay Claudio Salgado 2 October 2021 (Tuesday), 10:00 AM to 1:00 PM at Barangay Claudio Salgado hall/Covered Court	<ul style="list-style-type: none"> <li>Brgy. Chairman</li> <li>Local Residents</li> <li>Representatives from Municipal office (Sablayan)</li> <li>Host Barangays Representatives</li> <li>CPGI</li> <li>FORESTEREPLAN</li> <li>Concerned Community Groups (e.g., Youth, Fishermen, etc.)</li> </ul>	<ul style="list-style-type: none"> <li>Dredging in Amnay River was the priority of the Government;</li> <li>Heavy silted River in which the contractor will extract gravel and sand for which it will be sold by the Contractors;</li> <li>68 million m<sup>3</sup> of sand and gravel will be extracted from the dredging zone;</li> <li>Total revenue from the dredged materials will be divided into different percentages from the beneficiaries: Barangay, LGU Province and Municipality.</li> <li>Issues raised at different timelines and phases of the project (See Summary).</li> <li>Other related aspects of the project.</li> </ul>
		<ul style="list-style-type: none"> <li>To consider the extraction of other private sector partners in flood control and further Barangay Constituents for further decision making with the project activities.</li> </ul>
<b>Enumerators Training</b> 2 December October 2020 (Wednesday), 1:00 PM to 2:30 PM at Claudio Salgado Barangay Hall		<ul style="list-style-type: none"> <li>Concerns of the communities regarding safety of the operation;</li> <li>Other questions that may be raised by the interviewee;</li> <li>Other related concerns should be addressed by CPGI;</li> <li>Scheduling and community organizing</li> </ul>

### 3. Results of Perception Survey

FORESTEREPLAN Landscape Consultancy Services, conducted the initial perception survey on 07 to 10 October 2021. The objective of the survey is to have a key understanding of Barangay residents about their perception to the proposed Amnay River Dredging and Desilting Project. The perception surveys for the host barangays (Ilvita, Pagasa and Claudio Salgado) were conducted on 07-10 October 2021. The perception survey was conducted to determine the community's baseline knowledge about the proposed Project, and initial concerns/questions about the project description and potential environmental impacts following **Section 7, Article II of DAO 2017-15, Guidelines on Public Participation Under the Philippine Environmental Impact System**. A copy of the perception survey questionnaire, photo-documentation, and basic respondent profile are attached in **Appendix A**. The Study Area consists of three barangays that will host, and be impacted by, the project footprints: Barangays Claudio Salgado, Pagasa, Ilvita, Lagnas and Victoria in the Municipality of Sablayan, Occidental Mindoro. Both are riparian communities and are Claudio Salgado, Ilvita and Pagasa classified in the Census as rural barangays; they, however, host agricultural areas, mostly associated with production of rice. Amnay River passes through Barangays Claudio Salgado, Ilvita and Pagasa which is the whole stretch of the proposed project site. A total of 19,643 people is residing within the immediate vicinity of the river, with Brgy. Pinagturilan being the most populated barangay having 7,168 residents as of 2010 according to National Statistics Office Census of Population and Housing.

One-hundred fifty household respondents (at least 18 years old) were interviewed in both barangays (30; Barangays Claudio Salgado, 30; Ilvita; 30 in Lagnas, 30; 30 respondents in Victoria and Pagasa, 30) using a structured questionnaire with topics corresponding to the outline above-mentioned. Sampling error at the Study Area level is 10% with a confidence level of 95%. Data are presented at the Study Area and barangay levels.



## 4.1 Respondents' Profile

Salient features of the respondents include:

- Average age: 50 years
- 70% are married
- 63% are spouses (mostly wives) of the household head
- Average years of residence in host communities range from 2 - 79 years for an average of 38 years
- Close to 75% are Mindoro-born
- Household size ranges from 1 – 16 persons for an average of 5
- All households have Tagalog as the primary language spoken at home

## 4.2 Project Awareness

### 4.2.1 Benchmark Awareness/Knowledge

To put the CPGI project in context and to benchmark their awareness and knowledge of dredging, sand collection, storage facilities, Tugs/boats and similar installations (collectively known as LCTs), respondents were asked if they were aware of them (e.g., CPGI) in Barangay Claudio Salgado, Pagasa, and Ilvita and Mindoro Province.

- 85% in the Study Area (Barangay Claudio Salgado and Ilvita combined) are aware and has some knowledge of the current issues relative to the need for Dredging;
- The two most frequently mentioned sources of information about Dredging (accounting for 71.14% of multiple responses) are:
  - Government officials (37.58% of 149 multiple responses, reported by 64.87% % of 87 respondents in the Study Area)
    - 33.82% of 68 multiple responses, reported by 52.27% of 44 respondents in Brgy. Claudio Salgado);
    - 45.42% of 81 multiple responses reported by 78.61% of 39 respondents in Brgy. Ilvita)
  - Relatives, neighbors and friends (33.56% of 149 multiple responses, cited by 54.87% of 87 respondents in the Study Area)
    - 35.29% of 68 multiple responses, cited by 54.55% of 44 respondents in Brgy. Pagasa;
    - 32.10% of 81 multiple cited by 60.47% of 43 respondents, Brgy. Victoria;
    - Others percentages includes Brgy. Lagnas.
- The data indicate that Government Officials (37.58% of 149 multiple responses), community meetings, gatherings and assemblies (8.72%), posters and hand-outs (1.34%), social media (4.70%), and others (3.36%) pale in comparison individually and collectively as sources and channels of information vis-à-vis a) government officials and b) relatives and neighbors and friends.<sup>3</sup>



The data suggest that the most frequently cited sources and channels of awareness and information regarding similar facilities and developments to CPGI were through **primary and face-to-face contacts** involving a) government officials and b) relatives, neighbors and friends accounting for 71.14% of multiple responses and reported by more than 50% of respondents. All other sources and channels trailed far behind.

When asked to rate the degree to which they agree with, and are in favor of, SFDs in a scale of '0 – 10' where '0' represents totally do not agree / totally not in favor and '10' total agree / totally in favor, respondents gave a mean rating of: **(Figure 3)**

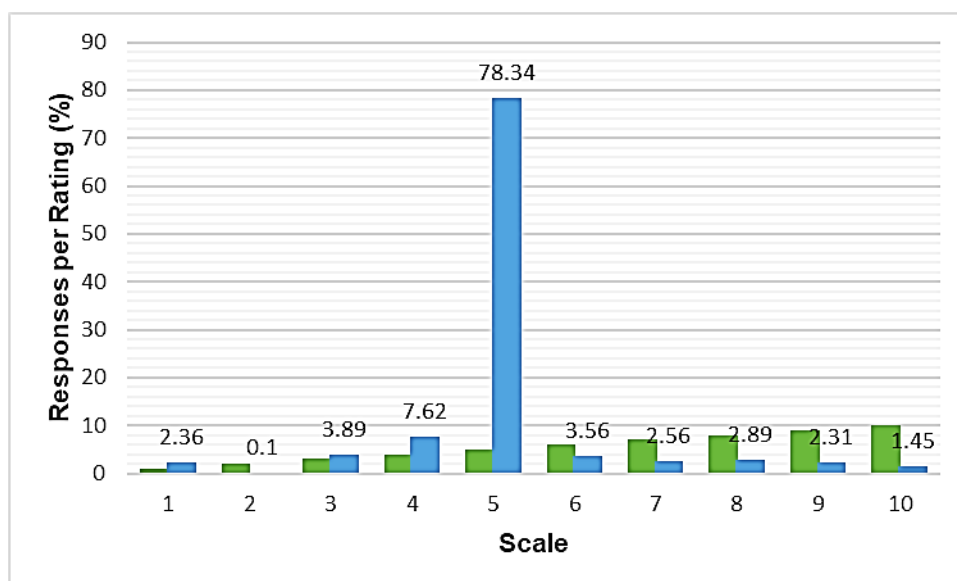
- **1.76 or strongly not in favor**, at the Study Area level,
- **1.19 or neutral** for Pagasa; (1-10);
- **9.40 or strongly in favor** for Claudio Salgado (1-10);<sup>4</sup>
- **8.50 or strongly in favor** for Barangay Ilvita (1-10);
- **7.85 or strongly in favor** for Barangay Victoria (1-10);
- **0.49** for those in the 'strongly not in favor' region (0-3 rating)
- **3.92** for those in the 'neutral' region (0-3 rating)
- **9.65** for those in the 'strongly in favor' region (0-3 rating)

The mean rating at the Study Area level (1.76) indicates that the barangays are generally neutral to the proposed dredging project. It is worth noting though that those who gave a rating in the 'strongly not in favor' region was in extreme disagreement with the similar facilities and developments as the mean rating was at 0.49. Those in the 'mildly not in favor to mildly in favor' region was neutral (3.92 mean rating), while those in the 'strongly in favor' region had only some reservations but were generally in favor of the proposed dredging project in their area (9.65 mean rating).

In fact, majority of the barangay residents, key officials and concern private groups were really concern of the proposed dredging project to be realized and executed as early as possible due to their experiences to disasters, threats to life and loss of livelihood. Majority has signed up petitions and appeals for the dredging project to be executed immediately based on the Focus Group Discussions (FGD), and as supported by KII survey results.

<sup>3</sup> Although community meetings, gatherings and meetings could have been conducted by government officials in which case the score for the former should be added to the latter

<sup>4</sup> The scale has three regions: 0 – 3 (strongly disagree or not in favor), 4 – 6 (mildly disagree/not in favor-neutral-mildly agree/in favor, 7 – 10 (strongly agree/in favor. The so-called 'float' or 'swing' population is '4 – 6' whose perception could be easily swayed.



**Figure 3** Percentage of Responses per Scale Rating.



**a. Perception if the project would be of help to the community<sup>9a and 9b</sup>**

Majority or almost 70% of the respondents are expecting and viewed the proposed dredging and desilting project will have a significant and beneficial role in the development of their barangay in terms of disaster risk and reduction. On the other hand, they viewed the project as key to livelihood and economic activities to uplift their barangay and individually, in terms of employment opportunity. The other 20% of the respondents from the total surveyed barangay are neutral while 10% believe that it will have negative effect to the barangay due to the environmental degradation, noise and dust pollution it may produce.

Perception if the project would be of help to the community (a)	Responses	
	Frequency (f)	Percentage (%)
Yes	105	70
No	15	10
Neutral	30	20
No answer	0	0.0
<b>Total</b>	<b>150</b>	<b>100.0</b>

Parameter Q: What do people expect from the CPGI project by way of benefits? Sixty-five (65%) percent of multiple responses are accounted by the following in descending order of frequency of mentions:

- Employment opportunities (37.5% of 150 multiple responses by 89.06% of 150 respondents);
- Business opportunities and expansion (13.82% of 152 multiple responses by 32.61% of 64 respondents) with comparatively same percentages for Barangay Claudio Salgado and Barangay Ilvita;
- Safety environment and climate change mitigations to lessen CC impacts such as disasters and natural calamities (e.g., flooding and siltation);
- Increased local revenues (13.82% of 152 multiple responses by 32.61% of 64 respondents) with comparatively same percentages.

Among the three above, employment opportunities and safety to disasters are clearly the front-runner at almost thrice the percentage of multiple responses and the number of people reporting in contrast to the barangays.

<sup>9a</sup> Sa inyong pananaw, ano po kaya ang mga benepisyo na ito? What do you think are some of these benefits?

<sup>9b</sup> Sa inyo pong pLagnasay, ano ang mga rekomendasyon na pwedeng gawin ng City Pacific Group, Inc. upang makabuti ito sa mga kalapit na komunidad at ang mga naninirahan doon? What can you suggest or recommend for City Pacific Group, Inc. to improve the general conditions of the nearby communities and residents?

On the other hand, Respondents think that the top three ways, comprising 67% of multiple responses, CPGI can help its host communities in descending order of frequency of mentions are <sup>9b</sup>:

- Train locals to compete in the job market for employment in CPGI (23.4% of 141 multiple responses by 64.71% of 51 respondents, Study Area; 25.45% of 55 multiple responses by 73.68% of 19 respondents, Brgy. Victoria; 22.09% of 86 multiple responses by 59.38% of 32 respondents, Brgy. Claudio Salgado)
- Prioritize qualified residents of host communities in hiring (25.53% of 141 multiple responses by 70.59% of 51 respondents, Study Area; 27.27% of 55 multiple responses by 78.95% of 19 respondents, Brgy. Lagnas; 24.42% of 86 multiple responses by 65.63% of 32 respondents, Brgy. Ilvita)
- Community development and assistance (18.44% of 141 multiple responses by 50.98% of 51 respondents, Study Area; 20% of 55 multiple responses by 57.89% of 19 respondents, Brgy. Claudio Salgado; 17.14% of 86 multiple responses by 40.63% of 32 multiple responses, Brgy. Pagasa;
- Trailing closely are training local residents in business skills and priority to qualified local businessmen as goods/service providers to CPGI.



#### b. Perceived Negative Impacts/Effects of CPGI Project<sup>10</sup>

There does not seem to be one or two items that appear to dominate the negative impacts that could result from the CPGI project as perceived by the respondents. The following, however, make 52% of multiple responses:

- Congestion due to trucks loading and unloading aggregates (12.44% of 100 multiple responses by 74.63% of 150 respondents, Study Area; 15.63% of 100 multiple responses by 66.67% of 33 respondents, Brgy. Claudio Salgado; 10.05% of 263 multiple responses by 82.35% of 34 respondents, Brgy. Ilvita)
- Erosion (9.7% of 100 multiple responses by 58.21% of 67 respondents, Study Area; 11.51% of 139 multiple respondents by 48.48% of 33 respondents, Brgy. Lagnas; 8.76% of 263 multiple respondents by 67.35% of 34 respondents, Brgy. Pagasa)
- Traffic due to trucks and vehicles loading and unloading aggregates (8.96% of 100 responses by 53.73% of 67 respondents, Study Area; 12.95% of 139 multiple responses by 54.56% of 33 respondents, Brgy. Pagasa; 6.84% of 263 multiple responses by 52.94% of 34 respondents, Brgy. Victoria)
- Water Competition (7.46% of 100 multiple responses by 44.78% of 67 respondents, Study Area; 10.07% of 139 multiple responses by 42.42% of 33 respondents, Brgy. Lagnas; 6.08% of 263 multiple responses by 47.06% of 34 respondents).

<sup>10</sup> *Ano naman po ang mga posibleng negatibong epekto ng pagpapatayo ng proyekto City Pacific Group, Inc. sa mga kalapit na komunidad at ang mga naninirahan dito? What do you think could be some of the negative effects of project of City Pacific Group, Inc. to neighboring communities and their residents?*

#### 4.2.2 Project Knowledge

##### 4.2.1 Sources of Information on the CPGI Project

Overall, 60.91% of respondents know and have heard of the CPGI project. Their information came from three leading sources by frequency of mentions (Figure 8 & Table 8):

- Media and Public Consultation (45.45% of 99 multiple responses by 73.77% of 61 respondents)
- Relatives, neighbors and friends (36.36% of 99 multiple responses by 59.07% of 61 respondents)
- Community meetings, Posters, gatherings and assemblies (10.10% of 99 multiple responses by 16.39% of 61 respondents).

The above three easily make 91.91% of multiple responses leaving the other sources and channels of information very far behind.





## **Appendix A IEC documentation**

A-1 IEC and Project Communications, Invitation letters, Letter of Support

A-2 IEC PowerPoint presentation

A-3 Project poster



A-4 Issue-Response table, photo documentation and attendance sheet



Amnay River Dredging and Desilting Project  
Sablayan, Occidental Mindoro



A-1 IEC and Project Communications, Invitation letters, Letter of Support



Republika ng Pilipinas  
Lalawigan ng Occidental Mindoro  
Bayan ng Sablayan  
**BARANGAY NG CLAUDIO SALGADO**  
-000-

**TANGGAPAN NG SANGGUNIANG BARANGAY**

HALAW SA KATITIKAN NG KARANIWANG PAGPUPULONG NG SANGGUNIANG BARANGAY NG CLAUDIO SALGADO, SABLAYAN, OCCIDENTAL MINDORO NA GINANAP NOONG IKA-7, NG DISYEMBRE 2020 NA GINANAP SA BAHAY PAMAHALAAN NG BARANGAY.

**KAPASIYAHAN BLG.147**  
Serye ng taong 2020

**KAPASIYAHANG PINAGTIBAY NA TINATANGGAP NG SANGGUNIANG BARANGAY NG CLAUDIO SALGADO, SABLAYAN, OCCIDENTAL MINDORO NA ANG CITY PACIFIC GROUP INCORPORATION AY PAHINTULUTAN SA PAGSASAGAWA NG RIVER RESTORATION SA AMNAY RIVER.**

**KGG. BERNARDO Y. DANSECO**  
Barangay Kagawad

**KGG. JERRY S. LUZARES**  
Barangay Kagawad

**KGG. ELIZALDE Y. ADVINCULA**  
Barangay Kagawad

**KGG. HILLER D. ERASMO**  
Barangay Kagawad

**KGG. REMEGIO CABANGANGAN**  
Barangay Kagawad

**KGG. METCHIE L. DAPROSA**  
Barangay Kagawad

**KGG. REGIDOR R. EVANGELISTA**  
Barangay Kagawad

**KGG. SAMUEL E. AMSON**  
SK Chairperson

**SAPAGKAT**, sa kasalukuyan ang Amnay River ay mas mataas na sa lupang sakahan at sa Barangay Proper, sanhi ng patuloy na pagbaba ng buhangin at graba mula sa kabundukan;

**SAPAGKAT**, walang kakayahan ang barangay Claudio Salgado para magsagawa ng restoration sa nasabing ilog sa dahilang walang mapagkukunan ng sapat na pondo para sa nasabing proyekto.

**SAPAGKAT**, sa pamamagitan nito maiiwasan na ang palagiing pagbaha mga bukirin at mga kabahayan ng aming barangay sa sama ng panahon;

**SAPAGKAT**, malaking tulong kung maisasa-ayos ang nasabing ilog mababawasan ang peligro o panganib sa buhay at ari-arian ng mga mamamayan sa palaging pagbaha, sa panahon ng tag-ulan o kalamidad;

**KUNG KAYA'T, DAHIL DITO:**

**PINAGPASIYAHAN AT PINAGTIBAY NG SANGGUNIANG BARANGAY NA TANGGAPIN ANG CITY PACIFIC GROUP INCORPORATION SA PAGSASAGAWA NG RIVER RESTORATION SA AMNAY RIVER.**


**PINAGTIBAY** noong ika-7, Disyembre 2020, sa mungkahi ni Kgg. Jerry S. Luzares, pingangalawahan ni Kgg. Regidor R. Evangelista, pinagtibay.

**PINAGTIBAY:**

**KGG. RODRIGO J. NUÑEZ**  
Pinung Barangay

**INIHANDA NI:**

**ROSA T. PADUA**  
Kalihim



Republic of the Philippines  
MIMAROPA Region  
Province of Occidental Mindoro  
**OFFICE OF THE GOVERNOR**

April 5, 2021

**MAYUMIE FRANCISCO SANTOS**  
**CITY PACIFIC GROUP, INC.**  
V&A Bldg. A Soriano Highway,  
Barangay Ibayo Silangan, NAIC Cavite

Dear Sir/Madam:


Greetings!

This is to respectfully inform you that our office has already issued an endorsement to the Department of Public Works and Highways Regional Office IV-B and Environmental Management Bureau Regional Office IV-B for the issuance of dredging clearance and environmental compliance certificate (ECC), respectively, for your company. You are likewise furnished a copy of the same endorsement.

In this regard and consistent with the provisions of DENR Administrative Order No. 2020-12, it is incumbent upon your company to file an application for issuance of dredging clearance with the DPWH, Environmental Compliance Certificate (ECC) with EMB Regional Office IV-B and to submit all other relevant documents that may be required by the said offices.

Thank you and warm regards.

Very truly yours,

  
**EDUARDO B. GADIANO**  
Provincial Governor

*"Ganado sa Serbisyo, Ganado sa Pagbabago!"*  
Address: Provincial Capitol Compound, Barangay. Payompon, Mamburao, Occidental Mindoro



**Amnay River Dredging and Desilting Project**  
Sablayan, Occidental Mindoro



**FORESTEReplan®**  
Landscape Consultancy Service  
"Sustainable Practice, Sustainable Return"

November 26, 2020

**IAC SECRETARIAT**

Office of the Governor  
Provincial Capitol Building  
Mamburao, Occidental Mindoro

Dear Sir/ Mam:

Good day! We are writing to extend our intention to become partner with the provincial government of Occidental Mindoro thru the Honorable Governor EDUARDO GADIANO in the rehabilitation of the river bank encroachment during flooding which causes clogging that poses impending danger to properties and livelihood of its residents. This pertains to the Dredging and Desilting Project for AMNAY RIVER covering the Municipality of SABLAYAN. Herewith is our documents and other requirements in coordination with the Inter Agency Committee (IAC) for dredging operations as requested.

Best Regards.

For CITY PACIFIC GROUP, INC.,

  
Yours Respectfully,  
**MAYUMIE F. SANTOS**



Republic of the Philippines  
MIMAROPA Region  
Province of Occidental Mindoro  
**OFFICE OF THE PROVINCIAL GOVERNOR**

April 27, 2021

**MS. MAYUMIE FRANCISCO SANTOS**  
*Representative of Proponents*  
City Pacific Group Inc.  
Manila, Philippines

**M a d a m :**

Greetings!

In line with the Provincial Government of Occidental Mindoro (PGOM's) priority project on **Restoration of Heavily Silted Rivers of this Province**, the undersigned respectfully requests for submission of another set of documents particularly your company profile to the Provincial Governor's Office Secretariat. Said documents will be forwarded to the Regional Offices of DPWH, DENR, EMB, and MGB MIMAROPA Region. This will serve as reference for verification and evaluation as stated in the Inter-Agency Committee resolutions.

Thank you so much in anticipation of the positive response your Office will extend to this request.

Very truly yours,

  
**EDUARDO B. GADIANO**  
Governor / IAC Chairman

cc: Regional Directors of: DPWH, DENR, EMB, and MGB

*"Ganado sa Solisyo, Ganado sa Pagbabago!"*  
Address: Provincial Capitol Compound, Barangay, Payompon, Mamburao, Occidental Mindoro





Republic of the Philippines  
MIMAROPA Region  
Province of Occidental Mindoro  
**OFFICE OF THE GOVERNOR**

## INTER-AGENCY COMMITTEE ON THE RESTORATION OF THE OCCIDENTAL MINDORO RIVERS AND ITS TRIBUTARIES

### NOTICE OF MEETING

TO : ALL PARTICIPATING AGENCIES IN THE INTER-AGENCY  
COMMITTEE ON THE RESTORATION OF THE OCCIDENTAL  
MINDORO RIVERS AND ITS TRIBUTARIES

DATE : SEPTEMBER 20, 2021

SUBJECT : IAC MEETING

For the purpose of discussing the recent issues and concerns relative to the restoration of various rivers in the province of Occidental Mindoro, please be informed of the above cited subject with the following details:

PARTICIPANTS : MEMBERS OF THE INTER-AGENCY COMMITTEE ON THE  
RESTORATION OF THE OCCIDENTAL MINDORO RIVERS  
AND ITS TRIBUTARIES

DATE OF ACTIVITY : SEPTEMBER 29, 2021 – WEDNESDAY; 1:00PM

VENUE : **THE BAYLEAF HOTELS CAVITE**  
**(CAPERS FUNCTIONROOM)**  
Waterfront Governor's Drive, Brgy. Manggahan,  
General Trias City, Cavite

For questions on the relative to this activity, you may contact Ms. Reggie Unson through mobile number 0961-630-1037 / 0977-804-5979.

  
**EDUARDO B. GADIANO**  
Governor / IAC Chairman



*"Ganado sa serbisyo. Ganado sa Pagbabago!"*

Address: Provincial Capitol Compound, Barangay. Payompon, Mamburao, Occidental Mindoro



# Amnay River Dredging and Desilting Project Sablayan, Occidental Mindoro

## A-2 IEC PowerPoint presentation



# Amnay River Dredging and Desilting Project

Amnay River, Sablayan, Occidental Mindoro

## Environmental Impact Assessment Information, Education and Communication Campaign (IEC)

**CITY PACIFIC GROUP, INC.**

2<sup>nd</sup> Flr. V&A Bldg. A. Soriano Highway  
Brgy. Ibayo Silangan Naic, Cavite







**ENVIRONMENTAL IMPACT ASSESSMENT  
INFORMATION EDUCATION COMMUNICATION CAMPAIGN (IEC)**

**AMNAY RIVER  
SABLAYAN, OCCIDENTAL MINDORO**


# OPENING PRAYER




**AMNAY RIVER  
SABLAYAN, OCCIDENTAL MINDORO**

CITY PACIFIC GROUP INC.

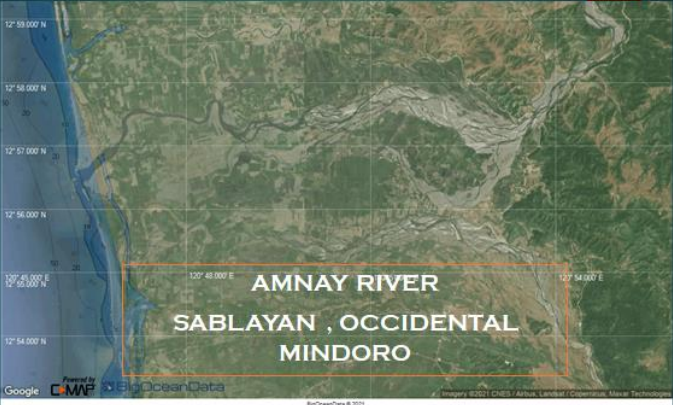
# INTRODUCTION OF PARTICIPANTS



CITY PACIFIC GROUP INC.



# WELCOME REMARKS



**AMNAY RIVER  
SABLAYAN, OCCIDENTAL  
MINDORO**

CITY PACIFIC GROUP INC.

# NATIONAL ANTHEM



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## AGENDA

- ❖ Project Overview
- ❖ Environmental Impact Assessment (EIA) Process
- ❖ Identified Environmental Impacts and Mitigation Plans (Preliminary)
- ❖ Open Forum

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- ❖ All participants are requested to list down their relevant project related questions and concerns and raise them during the Open Forum
- ❖ Representatives should state their:  
Full Name  
Designation  
Organization

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## PROJECT PROPONENT

### CITY PACIFIC GROUP INC.



CITY PACIFIC GROUP INC.



## ABOUT CITY PACIFIC GROUP INC.



Our Company initially aimed to provide engineering excellence in the field of dredging, river rehabilitation and desilting projects on provinces that needs our services. We have enough manpower than can be depended upon, a company you can trust and give assurance to every word we commit.

WE, CPGL are engaged to provide best quality Sand & Aggregates for Reclamation, Infrastructure and Construction purposes.

**City Pacific Group, Inc.** is situated at V&A Bldg, A Soriano Highway, Barangay Ibayo Silangan, Naic Cavite.

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## PROJECT LOCATION

### LOCATION MAP



### VICINITY MAP

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## PROJECT COMPONENT

**1. Buffer zone** within the river beds totaling 48.35 hectares, intended for protection of government infrastructure where no dredging operation shall be undertaken.

**2. Central pilot channel** and trading be seen along the river totaling of 557.627 hectares wherein the dredging shall be confined



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## PROJECT COMPONENT

### 3. Bridge and dikes protection measures



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## PROJECT COMPONENT

4. Silt and oil palm for marine ecosystem protection.
5. Material Stockpile
6. Marine anchorage area and
7. Cost recovery through sales of dredge materials subject to appropriate government regulations.



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## VIEW OF PRESENT PROJECT SITE

INDICATIVE MAP OF THE PROPOSED DREDGING SITES OF AMNAY RIVER  
CITY PACIFIC GROUP, INC.  
Proposed Dredging Project for Amnay River  
Sablayan, Occidental Mindoro



CITY PACIFIC GROUP INC.



## PROJECT RATIONALE

The project is in accordance with DENR Administrative Order 2020-07 rationalizing dredging activities in heavily silted channels pursuant to the DENR-DPWH-DILG-DOTR Joint memorandum circular no. 1 series of 2019.



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## PROJECT RATIONALE

- ❖ The project is targeted to increase the flood control conveyance capacity of the Amnay River, resulting in the reduction of the flood inundation area and flood susceptibility of adjoining areas in the Municipality of Sablayan.
- ❖ Upon completion of the dredging project, it is expected that the flood susceptibility of the 14km stretch subject to dredging will be improved from high to low.

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## PROJECT GOALS and OBJECTIVE

- ❖ The primary objective of this project is to remove sand and gravel from the lower Amnay river channel to restore the river's carrying capacity of efficiently drain a 50-year-old flood.
- ❖ The secondary project purpose is to preserve the stability of the existing infrastructure along the Amnay River such particular to Amnay Bridge and river dikes.
- ❖ To assist in sustaining provision of flood control services

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- ❖ If the existing sand and gravel along the river channel of lower Amnay River will not be removed, the carrying capacity of efficiently drain of a 50-year-old flood will not be store.

Year	2020	2021	2022	2023	2040
December-30	Start Pre-Development				
October-21		Pre-Development			
January-22			Start Preliminary Activities		
Operations				Operations	
Engineering	Engineering				
Field Surveys	Field Surveys				
EIA	EIA				
(10 mos)	(10 mos)				
Engineering		Engineering			
Field Surveys		Field Surveys			
EIA		EIA			
(10 mos)		(10 mos)			
Permitting			Permitting		
Contracting			Contracting		
Financing			Financing		
(20 mos.)			(20 mos.)		
Site Preparation			Site Preparation		
(12 mos.)			(12 mos.)		
Commercial Operations				Commercial Operations (15+ years)	
Pre-Development		Pre-Development			
(12 mos.)		(12 mos.)			
Site Preparation			Site Preparation		
(2 mos.)			(2 mos.)		
Commercial Operations				Commercial Operations (15+ years)	
PHASE 1	PHASE 1	PHASE 1	PHASE 2	PHASE 2	PHASE 3



## BASE LINE STUDIES

Table 2. List of Project Component studies for the EIA study of Amnay.

Land	Water	The Air	The People
Land Use and Classification	Hydrology and Hydrogeology	Climate and Meteorology	Social Impact Assessment
Geology, Geomorphology and Geohazards	Water Quality	Air Quality and Noise	Public Health
Pedology	Marine Sediment	Greenhouse Gas Assessment	Visual Impact Assessment
Terrestrial Ecology (Flora and Fauna)	Freshwater Ecology		Road Traffic Impact Assessment
	Marine Ecology		Marine Traffic Survey

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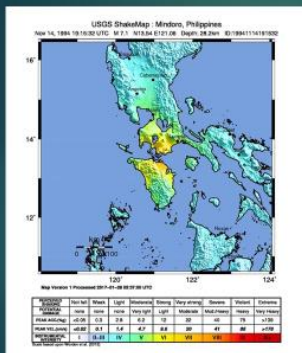
## LAND and CLASSIFICATION



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## GEOLOGY and HAZARD



- ❖ Necessity of putting up an EGF.
- ❖ Proposed amount of EGF indicating the basis for the estimate (per guidelines in annex 3-6 of RPM for DAO 2003-30).
- ❖ Environmental Liability mechanism for the setting of the amount of EGF to be put up by each locator as well as for disbursement of EGF shall be specified

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## PEDOLOGY and AGRICULTURAL RESOURCES



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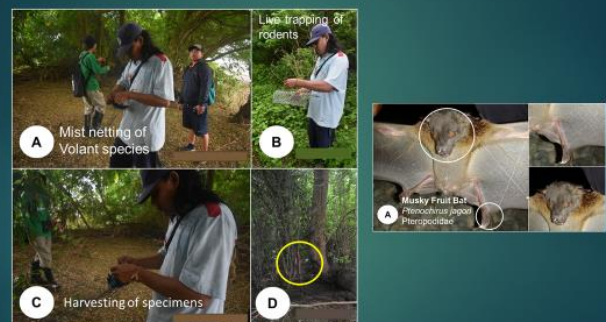


## TERRESTRIAL FLORA



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## TERRESTRIAL FAUNA



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## SURFACE and GROUND WATER QUALITY



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## HYDROLOGY and WATER RESOURCES



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## AQUATIC ECOLOGY



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## MARINE RESOURCES



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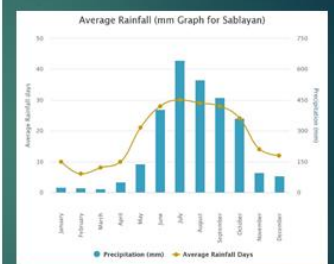
## AIR QUALITY / METEOROLOGY and CLIMATE CHANGE



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## METEOROLOGY and CLIMATE CHANGE



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## NOISE



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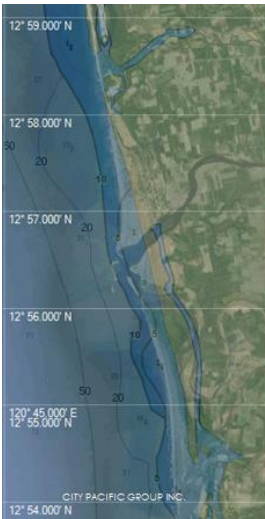
## SOCIAL IMPACT ASSESSMENT



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## PRELIMINARY IDENTIFIED ENVIRONMENTAL ASPECT



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## THE LAND

Possible Issues and Concerns	Response
Potential soil erosion /loss of topsoil during dredging.	<ul style="list-style-type: none"> <li>✓ Dredging will be undertaken only inside the River Dredging Zones (RDZ) and approved dredging plan.</li> <li>✓ Provision of erosion and sediment control measures during dredging</li> </ul>
Vegetation removal and loss of habitat.	<ul style="list-style-type: none"> <li>✓ All statutory requirements relating to clearing permits (e.g. Tree cutting permits including tree inventory) will be secured from DENR prior clearing activities.</li> <li>✓ Replacement of cut trees as required by DENR</li> </ul>
Potential increase in the population of introduced fauna species due to improper waste management	<ul style="list-style-type: none"> <li>✓ Proper management of waste derived from the dredging operation within the project site and temporary site office will be strictly implemented and in compliance with existing local regulation</li> </ul>

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## THE WATER

Possible Issues and Concerns	Response
Potential water competition	<ul style="list-style-type: none"> <li>✓ Water during dredging operations will be source from the river</li> </ul>
Potential Change in water quality	<ul style="list-style-type: none"> <li>✓ An emergency oil spill prevention and response will be established and implemented</li> </ul>
Potential impact to marine ecosystem	<ul style="list-style-type: none"> <li>✓ Sewage from dredging vessels tugs and LCT will be treated and regularly monitored</li> <li>✓ Waste water discharge from dredging vessels, tugs and LCT will comply with local regulations</li> </ul>

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## THE AIR

Possible Issues and Concerns	Response
Dust generation from dredging works, movement of vehicles and unpaved roads	<ul style="list-style-type: none"> <li>✓ Regular dust monitoring will be conducted with in the project sites</li> </ul>
Potential increase in emission particulate matters from, Dumptrucks, Backhoe, Dredger, Tugboats / LCT	<ul style="list-style-type: none"> <li>✓ Sub-contractor will be required to pass the vehicle emission tests prior to contract award</li> <li>✓ Regular air quality monitoring will be implemented</li> </ul>
Increase in noise level	<ul style="list-style-type: none"> <li>✓ Noise generating activities will be implemented during day time where applicable</li> </ul>

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## SOCIO-ECONOMIC

Possible Issues and Concerns	Response
Potential employment opportunities for residents for residents in nearby barangays leading to additional household income and livelihood opportunities	<ul style="list-style-type: none"> <li>✓ Consultation with the impact barangays on job requirements and hiring processes will be conducted to maximize local hiring</li> <li>✓ Priority hiring of qualified local residents</li> </ul>
Potential increase in vehicular movement in the area <ul style="list-style-type: none"> <li>-- Dumptrucks</li> <li>-- Backhoe</li> <li>-- Dredger</li> <li>-- Tugboats / Barges / LCT</li> </ul>	<ul style="list-style-type: none"> <li>✓ Consideration of timing of shift changeovers and other traffic generation generating activities to avoid peak hours</li> <li>✓ Preparation and implementation of a traffic management plan</li> </ul>
Potential threats to public health and safety	<ul style="list-style-type: none"> <li>✓ An Occupational Safety and Health Program specific to the project will be established</li> </ul>

CITY PACIFIC GROUP INC.



*Thank You!!*

For further inquiries:



CITY PACIFIC GROUP INC.

## OPEN FORUM



CITY PACIFIC GROUP INC.



## CITY PACIFIC GROUP, INC.

# Amnay River Dredging and Desilting Project

Amnay River, Sablayan, Occidental Mindoro

## Environmental Impact Statement (EIS) for Amnay River Dredging and Desilting Project - Information, Education and Communication (IEC) Campaign

The **City Pacific Group, Inc.**, is proposing a dredging and desilting project at Amnay River. The River Dredging Zone identified for Amnay River is focused on main active channel starting from the mouth of the river towards Amnay Bridge. Focus mainly on the areas where erosion of the river banks is dominant, areas with heavily siltation with adjacent community affected, and sediment accretion areas that have elevations almost with same level of river terraces. Dredging along the main active channel of Amnay river increase the surface water volume capacity and decreasing the overflow of surface water towards the multiple distributary streams and the nearby adjacent communities that are susceptible to marine flooding.

### Project Rationale

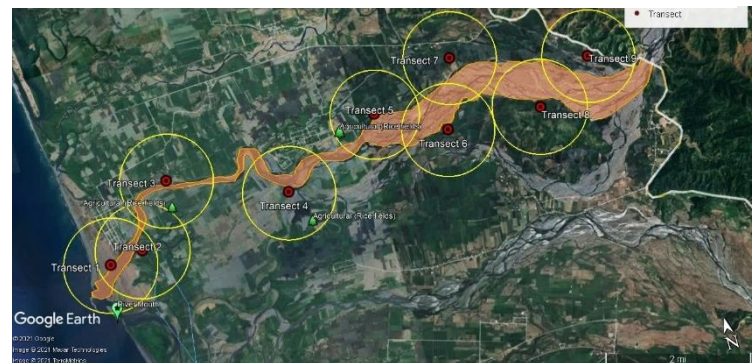
The project is targeted to increase the flood control conveyance capacity of the Amnay River, resulting in the reduction of the flood inundation area and flood susceptibility of adjoining areas in the Municipality of Sablayan. The primary objective of this project is to remove sand and gravel from the lower Amnay River Channel to restore the carrying capacity of the river. The dredging project aims:

- To increase the flow capacity of the main channel of Amnay River;
- Removal of sand gravel limited to the areas designed as the pilot channel and a silting/catchment basing along the Amnay River;
- Protection of bridge column protection measures.
- Provision of bank protection measures.
- Environmental protection and mitigation plan;
- Improve the local drainage of adjacent communities and prevent bank erosion/collapse. The project is deemed urgent and necessary due to the increasing occurrences of overflows of Amnay River;
- Meet the Philippines' growing demand for building materials by providing a reliable, affordable, and sustainable source of sand and aggregates.

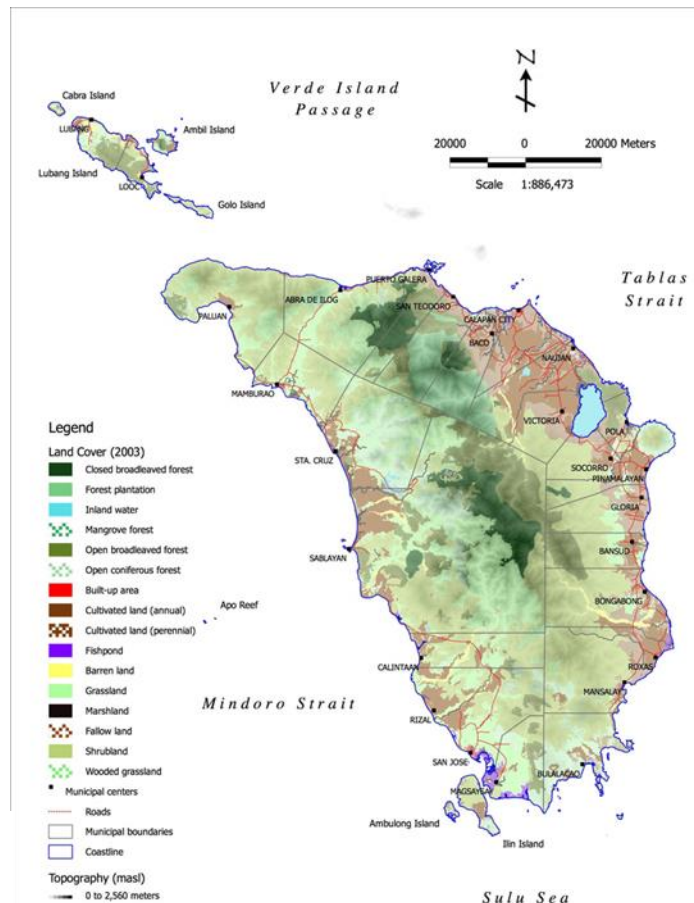
### Project Components

The project area of 509.322 hectares has broken into (Table 1):

1. Buffer Zone 48.35 hectares;
2. Pilot Channel dredging area 503.322 hectares.
3. Dredging Basis of 150m x 150m deep (2.25 hectares)  
Estimated Extractable Area 509.322 hectares from river mouth up to 14.5km upstream.

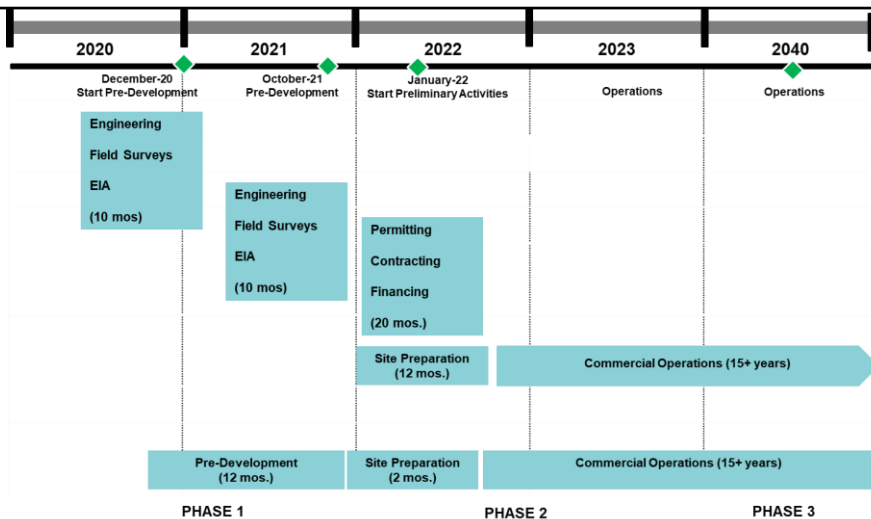


**Figure 1.** CPGI commissioned FORESTEREPLAN Landscape Consultancy Service to conduct the Environmental Impact Assessment (EIA) for the project's application for an Environmental Compliance Certificate (ECC). Figure above shows the Project Location and Impact Radius.



**Figure 2.** The primary objective of this project is to remove sand and gravel from the lower Amnay river channel to restore the river's carrying capacity of efficiently drain a 50-year-old flood. The secondary project purpose is to preserve the stability of the existing infrastructure along the Amnay River such particular to Amnay Bridge and river dikes.





**Figure 3.** The project will be developed in phases as identified above between 2022 and 2040. The primary objective of this project is to remove sand and gravel from the lower Amnay river channel to restore the river's carrying capacity of efficiently drain a 50-year-old flood. The secondary project purpose is to preserve the stability of the existing infrastructure along the Amnay River such particular to Amnay Bridge and river dikes.

## The Philippine EIS System

- EIS was introduced in 1977 with the Issuance of the Philippine Environmental Policy law through PD 1151 and PD 1586 in 1978.
- An Environmental Impact Assessment (EIA) process must be completed to secure an ECC from the Department of Environment and Natural Resources (DENR).
- EIA is a process of identifying and evaluating the likely impacts and benefits of a project and designing appropriate preventive, mitigating and enhancement measures.
- Public participation is required throughout the EIA process, including IECs, an initial perception survey, public scoping, baseline studies and public hearing.
- The ECC is a planning tool and not a permit.

## Preliminary identified environmental aspects

Preliminary identified impacts	Proposed mitigation/ enhancement measures	Air	Regulations
<b>Land</b>			
Potential soil erosion /loss of topsoil during dredging.	<ul style="list-style-type: none"> <li>Dredging will be undertaken only inside the River Dredging Zones (RDZ) and approved dredging plan;</li> <li>Provision of erosion and sediment control measures during dredging</li> </ul>	Dusk generation from dredging works, movement of vehicles and unpaved roads	<ul style="list-style-type: none"> <li>Regular dust monitoring will be conducted with in the project sites</li> </ul>
Vegetation removal and loss of habitat.	<ul style="list-style-type: none"> <li>All statutory requirements relating to clearing permits (e.g., Tree cutting permits including tree inventory) will be secured from DENR prior clearing activities;</li> <li>Replacement of cut trees as required by DENR</li> </ul>	Potential increase in emission particulate matters from, Dump trucks, Backhoe, Dredger, Tugboats / LCT	<ul style="list-style-type: none"> <li>Sub-contractor will be required to pass the vehicle emission tests prior to contract award</li> <li>Regular air quality monitoring will be implemented</li> </ul>
Potential increase in the population of introduced fauna species due to improper waste management	<ul style="list-style-type: none"> <li>Proper management of waste derived from the dredging operation within the project site and temporary site office will be strictly implemented and in compliance with existing local regulation</li> </ul>	Increase in noise level	<ul style="list-style-type: none"> <li>Noise generating activities will be implemented during day time where applicable</li> </ul>
<b>Water</b>		<b>People</b>	
Potential change in water quality	<ul style="list-style-type: none"> <li>An emergency spill prevention and response/ contingency plan will be developed and implemented</li> <li>Any used oils from dredging equipment will be stored in a temporary hazardous waste storage area</li> <li>An emergency oil spill prevention and response will be established and implemented</li> </ul>	Potential employment opportunities for residents in nearby barangays leading to additional household income and livelihood opportunities	<ul style="list-style-type: none"> <li>Consideration of timing of shift changeovers and other traffic generating activities to avoid peak hours</li> <li>Preparation and implementation of a traffic management plan</li> </ul>

The preliminary identified environmental impacts of the Project and their corresponding mitigation/enhancement measures. These identified potential environmental impacts are based on the initial characterization of the project site and will be updated upon completion of the baseline field surveys.

## Further information and contact details

The EIA process has started with this IEC campaign and will have the following steps:

Initial perception survey → Public Scoping → Technical Scoping → Baseline Studies and EIA → Submission of ECC Application to DENR-EMB → Public Hearing → EMB Assessment → ECC Decision

Timeframes and dates for this process are to be confirmed.

For Inquiries and information, please contact:

**MS. MAYUMIE F. SANTOS**

2nd Flr. V&A Bldg. A. Soriano Highway  
Brgy. Ibayo Silangan Naic, Cavite  
[citypacificgroup@gmail.com](mailto:citypacificgroup@gmail.com)

**CITY PACIFIC GROUP, INC.**

2nd Flr. V&A Bldg. A. Soriano Highway  
Brgy. Ibayo Silangan Naic, Cavite



For further information, please contact:

**FORESTEREPLAN Landscape Consultancy Service**

Enrico L. Replan, MSc. RF - +63936-743-5539  
[Foresterreplan.consultancies@gmail.com](mailto:Foresterreplan.consultancies@gmail.com)





## AMNAY RIVER DREDGING AND DESILTING PROJECT IEC Documentation

**IEC** : IEC with Barangay Claudio Salgado (incl. other host barangays) and Representatives from Municipal LGU (Sablayan)  
**Venue:** : Barangay Claudio Salgado Covered Court  
**Date:** : 02 October 2021, Saturday

### Summary of Issues during the IEC conducted at Barangay Claudio Salgado on 02 October 2021.

Person who raised the issue	Issues and concerns	City Pacific Group, Inc./FORESTEREPLAN responses
<b>Mr. Josefino Malayas</b> Barangay Claudio Salgado Local Resident	<i>Ang Contractor ay kukuha ng graba na 3 km from the river mouth hihigupin ang buhangin at bibilhin ng Contractor.</i>  <i>Ilang Cubic Meter ang Kailangan?</i>	68 million cubic meters from the dredging zone.  3,000,000,000 cubic meter x 56. 168 million ang kikitain ng gobyerno: Paghahati: 30% province 40% Barangay 30% Munisipyo  Makikinabang ang mga barangay na nakakasakop sa AMNAY RIVER. Kikita ang barangay, makikinabang ang mga magsasaka. Ang barangay parin ang amgsisilbing bantay kung sakaling ito ay matuloy.
<b>Ms. Melanie Torregoza Dangupon, CDA II</b>	<i>Paliwanag parin ni Sir Rian na kung ang Barangay ay pumayag at hindi pumayag ang mayor pero pumayag ang PGO tuloy parin ang project.</i>	Ang activity na ito ay IEC Documentation and Project IEC para sa requirement ng DENR. Nagsasagawa na ng IEC, Perception survey para maipalam sa mga residents ang tungkol sa proyekto at process nito. Isa din ito sa mga hinihinging requirements ng DENR. At patuloy parin ang mga ginagawang survey para sa IEC process na ito.



Person who raised the issue	Issues and concerns	City Pacific Group, Inc./FORESTEREPLAN responses
<b>Mr. Francis P. Espino</b>	<i>1km mula sa tulay ay hindi pwede galawin para protektahan ang tulay. Objective of DAO: Pag control sa baha Dredging activity allowed</i>	Environment Impact Assessment (EIA) Napaloob lahat ang ating mga malilikom at nakakalap.  This is noted.
<b>Barangay Chairman Sampilo</b> Barangay Claudio Salgado Representative/Participant	<i>Isang island na maliit na ginawang punduhan ng mga bangka. Ito ba ay iiwasan at hindi gagalawin?</i>	Kukuha ng mga sample ng buhangin at ipalalabaraotry muna. Pinag aralan rin ang mga hayop at iba pa na maapektuhan ng gagawing dredging activity.  Mula sa River mouth hanggang sa 1km bago magtulay ipapakita rin ang mga equipment na gagamitin.  Ayon sa kanya nagkakaproblema sa pagbaha at banlik.
<b>Chairman Sampilo</b> Barangay Claudio Salgado Representative/Participant	<i>5years ang contract ng dredging 3 km ang layo sa river mouth ang huhukayin. Hindi iyon basta inilLagnasay kung saan saan. Ang mga iligal na Gawain ay maari parin ireport ng barangay sa DENR at iba pang agency.</i>	Regarding sa TAX 40% Ms Regie – Kapag may nasira sa barangay babayaran ng Company. River restoration thru Dredging Chairman Sampilo – Kung kami ang tatanungin GUSTO NA NAMIN MAGSIMULA ITO! Mapanganib ang buhay ng mga mamayan sa tuwing babaha. Hiling ni kapitan sampilo na MAGSABAY NA ANG QUARRYING AT DREDGING..!
<b>Mrs. Norma Tabay</b>	<i>Wala bang political colors itong proyekto na ito. Baka naman pag naiba na nag nakaupo/administrasyon ay hindi na matuloy ang proyekto.</i>	Ang DAO na pinirmahan ng DENR at aprobado ng pangulong Duterte. Paliwanag pa na kahit magpalit ng nanunungkulan ay tuloy parin ito.
<b>Chief Noli</b> Barangay Ilvita Representative/Participant	<i>MaglLagnasay ba ng dike para hindi kumalat ang tubig?</i>	Engineer Mendoza - "Depende nakLagnasay sa Dredging Plan" Ms Regie – "Mag i-issue ng clearance ang DPWH"  Paliwanag ni Chief Noli – "Ma-concrete sana ang river bank at mega dike."



Person who raised the issue	Issues and concerns	City Pacific Group, Inc./FORESTEREPLAN responses
		Engineer Mendoza – “Noted nila para ma-address”.
<b>Kagawad Dansco</b>	<i>Lupang titulado na nagging ilog babayaran ba ng kumpanya?</i>	Sir Rian- tutulong po ang kumpanya.
<b>Mrs. Norma Tabay PGO Representative</b>	<i>Baka pweding mag start na maglagay ng drainage canal. Hiling rin na mLaagnasyan ng proteksyon ang school.</i>	Sa ngayon naka note na ang mga kahilingan.  This is noted.
<b>Chief Boni and Chief Sioson</b> Barangay Pagasa Representative/Participant	<i>Panukala ng DPWH by Sir Rian ay maconcrete ang daan mula Gitna hanggang dulo.</i>  <i>Kapitan Boni- Masyado na nangagamba sa pagbaha sana MASIMULAN NA AGAD ANG DREDGING pumapayag taga lagnas.</i>  <i>Kapitan Sioson – Mga ilang porsyento na ba ang requirements. Sana magsimula na sa Brgy. Pagasa.</i>	Nasa 70% na ang requirements. Magkakaroon na ng series of Scoping and Hearing after this IEC and once submitted and evaluated, EMB will be here for us to facilitate and evaluate the project.  This is noted.
<b>Mr. Renato Arbando</b> Local Fishermen Group Barangay Claudio Salgado Local Resident	<i>Ang mga mangingisda na mawawalan ng kita ay mabigyan ng livelihood.</i>	Para sa labor taga-barangay rin ang kukunin sa labor and employment opportunities.
<b>Chairman Tadilo</b>	<i>Isama na sa plano ang pagpapasok sa patubig?</i>	Engineer Mendoza – ikokunsulta sa NIA.
<b>Mam Ambrocia Hilad</b> Barangay Claudio Salgado Local Resident	<i>300 meters nalang ang layo ng river sa school? Nais na naming sa lalong madaling panahon ay magsimula na ang dredging.</i>  <i>Napsalamat sa lahat ng nakiisa at nakipag pulong.</i>	Inaayos na po ang lahat ng documentation and EIA process para sa study ng mga components ng project, and hopefully we can submit the requirements and follow the procedures per EIS Guidelines.  Salamat po!



#### A-4 Issue-Response table, IEC photo documentation and attendance sheet

### AMNAY RIVER DREDGING AND DESILTING PROJECT IEC Documentation

Photo documentation – IEC with concerned sectors at Barangay Claudio Salgado Covered Court and Representatives from Municipal LGU/Host Barangays of Sablayan, Occidental Mindoro



IEC attendees browsing the Project poster/  
leaflet



Opening prayer during IEC activity



IEC venue at Barangay Claudio Salgado  
Covered Court, Sablayan, Occ. Mindoro



Opening Remarks of Brgy. Chairman and  
Representatives from LGU Sablayan





**CPGI Staff giving the Program Agenda**



**Engr. Florante Mendoza of CPGI discussing the Project components**



**IEC Open Forum with issues raised being mentioned**



**Local resident expressing his concerns and views about the Project**





**IEC participants actively listening to the project awareness presentation**



**Engr. Florante Mendoza of CPGI discussing the Project Impacts**



**Engr. Florante Mendoza of CPGI and Stakeholders answering different queries to the Proposed Project**



**Engr. Florante Mendoza of CPGI and Stakeholders open forum discussion of the Proposed Project**





## BRGY. CLAUDIO SALGADO ATTENDANCE

AMNAY River restoration dredging project

IEC at Brgy Claudio Salgado Covered Court October 02, 2021 10am

	Last Name	Firs.Name	Signature	Barangay / LGU Represents
1	Malayao	Josefina Jr.	[Signature]	Claudio Salgado
2	Anwar	Anwar	[Signature]	Claudio Salgado
3	SAKIBIO	FLARAG	[Signature]	C. SALGADO
4	Casapao	Melita	[Signature]	C. Salgado
5	ANDAYA	MILIEG	[Signature]	C. 'SALGADO'
6	SANCHEZ	OLIVIA	[Signature]	a. salgado
7	Guerrero	monday	[Signature]	C. Salgado
8	Shirley G.	Valiente	[Signature]	C. Salgado
9	Kelantan	Dalong Jr.	[Signature]	C. Salgado
10	Lobonog	Paddy	[Signature]	C. Salgado
11	Venue	D. Pimentel	[Signature]	C. Salgado
12	Edna	A. Longhos	[Signature]	C. Longhos
13	Rodulfo A.	Sombiso	[Signature]	C. Salgado
14	Renato J.	Arbando	[Signature]	C. Salgado
15	Patchel	Andya	[Signature]	C. Salgado
16	Rico Leon	Alejo	[Signature]	C. Salgado
17	Lorna M.	Camorino	[Signature]	C. Salgado
18	Floribel M.	Tandao	[Signature]	C. Salgado
19	Melissa L.	Inyuan	[Signature]	C. Salgado
20	Flordina V.	Caballero	[Signature]	C. Salgado
21	Edna G.	TANNA	[Signature]	C. Salgado
22	Teodora M.	Al. Luna	[Signature]	C. Salgado
23	Hilla V.	Edna	[Signature]	C. Salgado
24	Paige P.	Edna	[Signature]	C. Salgado
25	Julia R.	Edna	[Signature]	C. Salgado
26	Marife	P. Dagui	[Signature]	C. Salgado
27	Therita M.	Muniz	[Signature]	C. Salgado
28	Jerry S. Lizarza		[Signature]	C. Salgado
29	HONOLIO	IDSIGNE	[Signature]	C. Salgado
30	Agatha	Mercene	[Signature]	C. Salgado
31	Melida	Arbando	[Signature]	C. Salgado
32	Manilyn	Bontiga	[Signature]	C. Salgado
33	Samuel	Guan	[Signature]	C. Salgado
34	Bernardo V.	Dansen	[Signature]	C. Salgado
35	Joey T.	Barzaga	[Signature]	C. Salgado
36	Reynaldo R.	Domales	[Signature]	C. Salgado
37	Elysha	F. Datto	[Signature]	C. Salgado
38	Albarto	Lanza	[Signature]	C. Salgado
39	Francine	Lanza	[Signature]	C. Salgado
40	Francis P.	Bayas	[Signature]	C. Salgado
41	Janet H.	Bayas	[Signature]	C. Salgado
42	Joey P.	Manah	[Signature]	C. Salgado
43	Elizabeth A.	Casapao	[Signature]	C. Salgado





## BRGY. VICTORIA ATTENDANCE

AMNAY River restoration dredging project  
IEC at Brgy Claudio Salgado Covered Court October 02, 2021 10am

	Last Name	Firs Name	Signature	Barangay / LGU Represents
1	SERQUITA	MARIA CRISTINA		
2	VALLANTA	CARDELITA		
3	DANGSON	VICTORIA		
3	PEDRO	Mes		
4	Brec	Brecy		
5	Samay	Timon		
6	ADIVOLA	MARI		
7	MARIN	TADO		
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## BRGY. LAGNAS ATTENDANCE

AMNAY River restoration dredging project  
IEC at Brgy Claudio Salgado Covered Court October 02, 2021 10am

	Last Name	Firs Name	Signature	Barangay / LGU Represents
1	VIERNGS	EDDIE	<i>[Signature]</i>	Brgy Lagnas
2	HERNANDEZ	PIXTO	<i>[Signature]</i>	" "
3	BONIFACIO	Paulino	<i>[Signature]</i>	" "
3	OLARTE	Guisehir	<i>[Signature]</i>	Lagnas
4			E. Olarte	Lagnas
5	BENEDICTO	MACAPAG		" "
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## ATTENDANCE

BRGY. ILVITA

AMNAY River restoration dredging project

IFC at Brgy Claudio Salgado Covered Court October 02, 2021 10am

	Last Name	Firs Name	Signature	Barangay / LGU Represents
1	Roldan	Germele		
2	ROLDAN	ERILISA		
3	PA			
3	PAUVINE	NELIE		
4	EL RAMOS	EL		
5	SAMUEL	BAYAN		
7	RAMOS	ENRIKA		ILVITA
8	RAMOS	POUNLO		ILVITA
9	RAMOS	FLORDIANA ROSE		ILVITA
10	BORJA			
11	ALFARO	MICHAEL		ILVITA
12	ALFARO	JOSEPH		ILVITA
13	ALFARO			
14	ALFARO M.			
15	ELIZ E.	GUERRERO		ILVITA
16	JENELYN	HIMANU		ILVITA
17	ESTANES	RANIEL P.		ILVITA
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Brgy. CLAUDIO SALGADO

## ATTENDANCE

AMNAY River restoration dredging project  
IEC at Brgy Claudio Salgado Covered Court October 02, 2021 10am

	Last Name	Firs Name	Signature	Barangay / LGU Represents
44	Basalun	Abas	Mig -	
45	Baylagnan	Leony	Almaguier	
46	Minda	Orangelay	Orangelay	C- Salgado
47	Agan Sng	Malaya	Orangelay	C. Salgado.
48	Devila J. James	Valiente	Orangelay	C. Salgado
49	Jashua	Valiente	Orangelay	
50	Roderick Sanchez		Orangelay	
51	Arnold	Orangelay	R. Sanchez	C- Salgado
52	Leony	Trisigne	Trisigne	C. Salgado
53	Florife D. Malayan		Trisigne	C. Salgado
54	Hermy	Flor Malaya	Trisigne	C. Salgado
55	Kristine	Orbis	Orbis	C. Salgado
56				C- Salgado
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## BRGV. PAG-ASA ATTENDANCE

AMNAY River restoration dredging project  
IEC at Brgy Claudio Salgado Covered Court October 02, 2021 10am

	Last Name	Firs Name	Signature	Barangay / LGU Represents
1	BALLESTERO	MARCISA		
2	Marcelo	NOIE		
3	JERRY	JINER		
4	XALIAN	MARLON		
5	LYANOR	ABATO		
6	SADUPAL	MYRNA		
7	Lingbayan	WILLIAM		
8	MUGAS	ZOSIMA		
9	ROSARIO	MAILIN		
10	CORPUZ	TESSIE		
11	BERNARDO	LEONARDO		
12	RODOLFO LABANTICO	RODOLFO		BLU
13	Pangulinas	Leonardo		
14	Ortiz	Donato		
15	Silva	Armando		
16	Resto	Carmy		
17	Castro	Castro		
18	ATARIAN	DIONISIO		BLU
19	RODEL A SIOSA			BLU
20	Ed. J. Castro			PAG-ASA
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## AMNAY RIVER DREDGING AND DESILTING PROJECT IEC Documentation

Photo documentation – IEC with Focus Group Discussion with Barangay  
Officials at Barangay Ilvita, Sablayan, Occidental Mindoro



**KII Interview of FORESTEREPLAN and CPGI  
to Brgy. Chairman Sampilo (Brgy. Ilvita)**



**KII Interview of Jonathan Ramirez to Brgy.  
Chairman Sampilo (Brgy. Ilvita)**



**KII Documentation and IEC with  
FORESTEREPLAN and CPGI**



## AMNAY RIVER DREDGING AND DESILTING PROJECT IEC Documentation

Photo documentation – IEC with Key Informant Interview (KII) with Barangay Officials and stakeholders at Barangay Claudio Salgado, Occidental Mindoro



**KII Interview of FORESTEREPLAN to Brgy. Chairman of Claudio Salgado**



**KII Interview of Jonathan Ramirez to Brgy. Chairman of Claudio Salgado**



**KII Documentation and IEC with FORESTEREPLAN and CPGI**



## AMNAY RIVER DREDGING AND DESILTING PROJECT IEC Documentation

Photo documentation – IEC with Focus Group Discussion with Barangay Officials and stakeholders/sectors at Barangay Lagnas, Occidental Mindoro



IEC attendees browsing the Project poster/  
leaflet



Project description presentation of Engr.  
Florante Mendoza, CPGI

**IEC Attendance Sheet of Barangay Officials and stakeholders  
at Barangay Lagnas, Occidental Mindoro**



## AMNAY RIVER DREDGING AND DESILTING PROJECT IEC Documentation

Photo documentation – IEC with Key Informant Interview (KII) with Barangay Officials and stakeholders at Barangay Victoria, Occidental Mindoro



Project description presentation of  
Engr. Florante Mendoza, CPGI

TALAAN NG MGA DUMALO

PANGALAN	LAGDA
Mania Cristina	Serguina
Jonathan	Delara
Manica	Serguina
Jimay	Petina
Jolanda	Munez
Cauchita	Vallanta
Jonathan	Vicente
May Jay	Bayel
Edlyn	Pascasio
Corazon	Advinula
Zenaida	Advinula
Jonathan	Gregorio
Chery	Esteban
Milda	Malibay
Ferdinand	Dangena
Verallyn	Serguina
Dejardo	Cristobal
Edrice	Abaw
Mara	Liza
Allyandre	Mendoza
Bernardo	Padua
Jerry	Tuca
Guiglyn	Pascasio
Nyare	Myeta
Herila	Mendoza
Loida	De la Cruz
Dominador	Empena
Trappia	Pascasio
Victorina	Pelusanio
Jasen	Esteban
Jonathan D. Gregorio	

IEC Attendance Sheet of Barangay Officials and stakeholders  
at Barangay Victoria, Occidental Mindoro



## AMNAY RIVER DREDGING AND DESILTING PROJECT IEC Documentation

Photo documentation – IEC with Focus Group Discussion (FGD) with Barangay Chairmen of Barangay Lagnas, Victoria, Ilvita, Caludio Salgado and Pagasa, Occidental Mindoro



**Focus Group Discussion with Barangay Officials conducted and led by Engr. Florante Mendoza**





## **Appendix B Perception survey documentation**

### **B-1 Perception survey questionnaire**

### **B-2 Photo documentation**

### **B-3 Basic Profile of Respondents**



## B-1 Perception survey questionnaire

### INTRODUCTION

*Magandang umaga / hapon po. Ako po si \_\_\_\_\_ at inatasan po ako FORESTEREPLAN/CPGI para magsagawang survey upang makapanayam o ma-interview ang mga nainirahan malapit sa Amnay River. Intensyon po ng survey na ito, na malaman kung kayo po ay may kaalaman at kung ano ang inyong opinyon tungkol sa isang proyekto sa inyong lugar. Ang interview pong ito ay tatagal ng mga 15 hanggang 20 minuto lamang. Hindi po kami empleyado o parte ng mga kompanyang gagawa ng mga proyektong ito, kaya umaasa po kami na kayo ay sasagot ng tapat. Ang mga sagot niyo po ay mananatiling konpidensyal.*

*Bagama't boluntaryo, ang partisipasyon ninyo sa survey na ito ay mahLagnasa. Kung mayroon po kayong katanungan na ayaw ninyong sagutin, maari niyo itong ipaalam sa akin at pupunta na lang po ako sa susunod na tanong. Maari din po nating ihinto ang panayam o interview na ito kapag kayo ay hindi komportable. Maari na po ba tayong magsimula?*

### SECTION

### INSTRUCTIONS/REMINDERS

General	<p>Magsulat ng <b>malinaw</b> / Write <b>clearly and legibly</b>; lakihan ang 'X' o ekis na inilLagnasay sa '( )' o parenthesis</p> <p><b>Hindi dapat malapit sa kanyang tinitirahan</b> ang mga pinapanayam ng enumerator</p> <p><b>Presentable</b> dapat ang suot ng enumerator</p> <p><b>Pwedeng</b> gumamit ng ibang lengguahe o salita, kung saan komportable ang enumerator, basta't <b>hindi ito lalayo sa ibig sabihin ng mga tanong</b></p> <p><b>Siguraduhing kumpleto</b> ang questionnaire bago lumipat sa sunod na ipapanayam</p> <p><b>Isa</b> lang ang <b>enumerator number</b> niyo; isulat sa lahat ng pahina</p> <p>Ang <b>respondent number</b> ay ayon sa pagkasunod-sunod ng ipinapanayam (ex. 01, 02, 03, ...)</p>
Introduction	<p>Para sa mga susunod na tanong: Pag walang sinabi o ayaw sumagot sa tanong; ilagay ang <b>NO RESPONSE</b> katabi ng tanong</p>
1.3	<p><b>Male o female</b> lang ang tatanggapin; <b>hindi</b> pwede ang ibang kasarian (ex. Bakla, transgender, atbp.)</p>
1.7	<p>Ang HHF ang <b>head o pinuno</b> ng bahay o pamilya</p>
1.8	<p><b>ISA LANG</b> ang pagpipilian; piliin ang kung ano ang pangunahing ginagamit sa bahay</p>
1.9	<p>Ang kasalukuyang address ay <b>kung saan nagaganap ang panayam</b></p>
1.10	<p>Ang probinsya ay kung saan sila <b>ipinanganak/nanggaling</b></p>
1.11	<p>Kasama ang <b>lahat ng naninirahang permanente</b> sa bahay</p>
2.1 / 2.4 / 2.6 / 2.9 / 2.14	<p>May mga tanong na tulad nito na pwedeng <b>magpatuloy o mag-skip</b></p>
2.2	<p>May mga tanong na tulad nito na <b>multi-response o marami ang pwedeng sagot</b></p>
2.2 / 2.5 / 2.7 / 2.8 / 2.10 / 2.11 / 2.12	<p>Kapag tinanong ang mga tulad nito, <b>maghintay muna</b> sa ibigay na sagot ng ipinapanayam; <b>kung napansing walang walang masabi, pwedeng daanan ang listahan ng mga posibleng sagot</b></p>
2.3 / 4.1	<p>Pwedeng pahiramin ang scale, ngunit <b>huwag ipapamigay</b>;</p>
2.4	<p><b>Ang pinapanayam ang magbibigay ng numero</b></p>
2.12	<p>Kapag sumagot ng 'Hindi' <b>pumunta sa 3.1 pero huwag na itanong ang 4.1 pagkatapos</b></p>
2.13 / 2.15	<p>Meron pang mga pagpipilian sa likod</p> <p>Isulat ang mga <b>importanteng nabanggit</b> kapag marami ang sinabi</p>





## INTRODUCTION

Maari po ba tayong magsimula ng interview? Salamat sa Diyos!!! (Start with a prayer)

( ) Hindi, itigil ang interview at magpasalamat

( ) Oo, isulat ang araw at oras

Araw/DD: \_\_\_\_\_ October, 2021

Time/Oras: \_\_\_\_\_

Name of Enumerator: Apelyido : \_\_\_\_\_ First: \_\_\_\_\_ M.I. \_\_\_\_\_

Enumerator Number: \_\_\_\_\_

GPS Coordinates: (If Possible): \_\_\_\_\_ Photo(s): (File Name) \_\_\_\_\_

## 1. RESPONDENT'S PROFILE

**1.1 Respondent Number:** \_\_\_\_\_

**1.2 Name:**

Apelyido: \_\_\_\_\_ // First: \_\_\_\_\_ // M.I. \_\_\_\_\_

**1.3 Sex o Kasarian**

( ) Male o Lalaki

( ) Female o Babae

**1.4 Address:**

Purok / Sitio: \_\_\_\_\_ // Barangay: \_\_\_\_\_

**1.5 Age as of last birthday (Ilang taon noong huling kaarawan):** \_\_\_\_\_

**1.6 Civil Status:**

( ) Single

( ) Married

( ) Common-law; 'live-in' o 'nagsasamahan'

( ) Separated

( ) Widow; widower; biyuda; biyudo

**1.7 Position in the family / household:**

( ) Head of household or family [HHF]

( ) Spouse o asawa ng HHF

( ) Son/daughter o anak ng HHF

( ) S i s t e r /brother o kapatid ng HHF

( ) Relative o kamag-anak ng HHF

( ) Others, please specify \_\_\_\_\_

**1.8 Ano po ang pangunahing o karaniwang wika na ginagamit niyo sabahay? What language do you usually use at home? (X only one)**

( ) Tagalog

( ) Cebuano

( ) Hiligaynon ('Ilonggo)

( ) Others, please specify \_\_\_\_\_

**1.9 Ilang taon na po kayong nakatira dito sa kasalukuyan niyong address?**





( ) Less than one year o mas kaunti sa isang taon Number of years o bilang ng taon: \_\_\_\_\_

**1.10 Kayo po ba ay galing sa o ipinanganak sa ibang probinsya?**

( ) Oo, ibanggit ang probinsya: \_\_\_\_\_  
( ) Hindi

**1.11 Ilang tao po ang nakatira sa inyong bahay? Gaano po kalaki ang inyongpamilya o household? How many people live in your house? How big is your family or household? (Isulat ang numero/Enter number):** \_\_\_\_\_

## 2. PROJECT AWARENESS

**2.1 Alam niyo po ba o may nabalitaan/narining kayo tungkol sa mga Dredging activities na planong isagawa sa Amnay River, at iba pang mga katulad nito na may kinalaman sa paghukay ng sobrang lupa or desilting/dredging project sa Mindoro? Are you aware, or have you heard of the proposed dredging project in Amnay River?**

( ) Oo, ask 2.2  
( ) Hindi, skip to 2.4

**2.2 Paano niyo nalaman o nabalitaan ang kayo tungkol sa mga Dredging activities na planong isagawa sa Amnay River, at iba pang mga katulad nito na may kinalaman sa paghukay ng sobrang lupa or desilting/dredging project sa Mindoro?**

*How did you get to know of the dredging projects, such as in Amnay River in Sablayan, Occidental Mindoro? What were your sources of information for proposed dredging project in Amnay River? (X as many as mentioned)*

( ) Government officials (barangay officials, municipal officials, atbp.)  
( ) City Pacific Group, Inc. (CPGI)  
( ) Relatives, neighbors and friends  
( ) Radio, television  
( ) Newspapers  
( ) Posters, handouts,  
( ) Community meetings, gatherings, assemblies, atbp.  
( ) Social media (Internet, Facebook, Twitter, atbp.)  
( ) Others, specify \_\_\_\_\_

**2.3 Kung ang '0' (zero) ay 'labis na hindi sang-ayon' at ang '10' (sampu) ay 'labis na sumasang-ayon' sa pagkakaroon ng dredging project operation Amnay River?**

*Let's say that '0' represents 'totally disagree', and '10' 'totally agree' with the proposed dredging project operation in Amnay River, where would you place yourself in this scale? (Encircle/bilugan ang numerong sinagot)*

0	1	2	3	4	5	6	7	8	9	10
<b>LABIS NA HINDI SANG-AYON</b>										<b>LABIS NA SUMASANG-AYON</b>

( ) Don't know / No answer



**2.4 Alam niyo po ba o may nabalitaan/narining po ba kayo tungkol sa proyekto ng City Pacific Group, Inc. (CPGI)?** *Are you aware or heard of the project of City Pacific Group, Inc. (CPGI)? (X only one)*

- ( ) Oo, ask 2.5  
( ) Hindi, skip to 3.1 and DO NOT ask 4.1

**2.5 Paano niyo nalaman o nabalitaan ang ng City Pacific Group, Inc. (CPGI)?** *Saan po nanggaling ang impormasyon niyo tungkol sa proyekto ng ng City Pacific Group, Inc. (CPGI)? How did you get to know of the project of ng City Pacific Group, Inc. (CPGI)? What were the sources of your information for City Pacific Group, Inc. (CPGI)? (X as many as mentioned)*

- ( ) Government officials (barangay officials, municipal officials, etc.)  
( ) City Pacific Group, Inc. (CPGI)  
( ) Relatives, neighbors and friends  
( ) Radio, television  
( ) Newspapers  
( ) Posters, handouts  
( ) Community meetings, gatherings, assemblies, atbp.  
( ) Social media (gaya ng Internet, Facebook, Twitter, atbp.)  
( ) Others, specify \_\_\_\_\_

**2.6 Alam niyo po ba kung saan planong gawin ang Dredging Project sa inyong Barangay?** *Do you know where the project of City Pacific Group, Inc. (CPGI) will be conducted?*

- ( ) Oo, ask 2.7  
( ) Hindi, skip to 2.8

**2.7 Saan o anung lugar po naman po ang apektado ng pagbaha sa inyong lugar at kinakailangan ng dredging solution ng City Pacific Group, Inc. (CPGI)?**

*Where in your barangay were deeply affected by flooding and needed urgent help of City Pacific Group, Inc. (CPGI) dredging projects? (X only one)*

- ( ) Sa loob ng Barangay kalapit ng ilog  
( ) Sa labas ng barangay, karatig ibang barangay  
( ) Sa aming mismong lugar kalapit sa Amnay River  
( ) Others, specify \_\_\_\_

**2.8 Ano naman po ang alam niyo sa planong Amnay River Dredging and Desilting Project?** *What do you know of the project of City Pacific Group, Inc. (CPGI) (X as many as mentioned)?*

- ( ) Paghuhukay ng lupa para maisaayos ang ilog Amnay;  
( ) Pagsasaayos ng mga bumagsak sa ilog na lupa;  
( ) Pagaalis ng lupa dahilan sa pagbaha at siltation;  
( ) Pagkakaroon ng rehabilitation at restoration ng Amnay River line sa mga sakop na Brgy.;  
( ) Others, specify:

- ( ) Walang masabi / No response



**2.9 Sa pLagnasay niyo, may positibong epekto ba o benepisyo ang proyekto ng City Pacific Group, Inc. (CPGI) sa mga kalapit na komunidad nila at sa mga naninirahan doon?** Do you think that the project of City Pacific Group, Inc. (CPGI) will yield benefits to nearby communities and places, and the people living there?

( ) Oo / meron, ask 2.10

( ) Wala, skip to 2.11

**2.10 Sa inyong pananaw, ano po kaya ang mga benepisyo na ito?** What do you think are some of these benefits? **(X as many as mentioned)**

( ) Hanapbuhay at karagdagan sa kinikita ng mga tao / Employment and income opportunities

( ) LLagnaso ang negosyo / Business opportunities and business expansion

( ) Madagdagan ang at bababa ang presyo ng mga materiales sa paggawa ng bahay

( ) Magkakaroon ng improvement sa kalsada at karagdagan na infrastruktura

( ) Madadagdagan ang kita ng local na pamahalaan dahil sa makokolekta ng buwis/ local revenues

( ) Mga Iba pa, : \_\_\_\_\_

**2.11 Ano po ang inyong mga rekomendasyon na pwedeng gawin ng City Pacific Group, Inc. (CPGI) upang makabuti ito sa mga kalapit na komunidad at ang mga naninirahan doon?** What can you suggest or recommend for City Pacific Group, Inc. (CPGI) to improve the general conditions of the nearby communities and residents? **(X as many as mentioned)**

( ) Train local residents in skills needed for employment in City Pacific Group, Inc. (CPGI) o pagsasagawa ng training sa mga lokal na residente upang maging empleyado ng City Pacific Group, Inc. (CPGI)

( ) Bigyan ng prayoridad sa hiring ang mga lokal na residente

( ) Train local residents in business skills to be able to supply CPGI goods and services o ang pagsasagawa ng training sa mga lokal na residente upang maging mga negosyante makakapagbigay ng serbisyo o kalakal sa CPGI;

( ) Bigyan ng prayoridad ang mga lokal at kwalipikadong na negosyante sa pag- supply ng mga goods and services sa City Pacific Group, Inc. (CPGI)

( ) Help in community development (sponsor medical missions; offer scholarships; help in improving community facilities like health centers, etc.)

( ) Others, specify

( ) Wala akong maisip / Can't think of any / Don't know

**2.12 Ano naman po ang mga posibleng negatibong epekto ng pagpapatayo ng proyekto City Pacific Group, Inc. (CPGI) sa mga kalapit na komunidad at ang mga naninirahan dito?** What do you think could be some of the negative effects of project of City Pacific Group, Inc. (CPGI) to neighboring communities and their residents? **(X as many as mentioned)**

( ) Pollution: apektado ang kalidad tubig

( ) Dadami ang tao / congestion

( ) LLagnaso ang traffic sa pagdami ng truck na naghahakot ng lupa at bato;

( ) Mas madagdagan ang ingay sa construction at operasyon / More noise during construction and operation

( ) Kumpetisyon sa source o pinanggagalingan at pag-gamit sa tubig / Competition on sources and use of water

( ) Mawawala ang mga puno at wildlife gaya ng ibon ( ) Pagbabaha / Flooding

( ) Krimen at bisyo gaya ng pagnanakaw ng lupa at bato, droga, karahasan / Crime and vices

( ) Safety issues / madadagdagan ng mga aksidente

( ) Loss of access / mahihirapan na kami pumunta sa mga dati naming pinupuntahan

( ) Posibleng maka-apekto sa kalusugan ng mga tao / Might affect the health of people

( ) No negative effects

( ) Walang maisip o masabi / Can't think of any / Don't know



**2.13 Ano naman po ang pwedeng gawin upang mabawasan, maiwasan o 'di kaya ma-resolba ang mga negatibong epekto na binanggit ninyo?** What do you think can be done to avoid,, lessen, mitigate or resolve the negative effects you just mentioned? (Record as mentioned)

( ) Walang maisip o masabi / Can't think of any / Don't know

**2.14 Kailangan niyo po bang magkaraoon ng karagdagang impormasyon tungkol proyekto ng City Pacific Group, Inc. (CPGI)?** Do you need further information regarding the project of City Pacific Group, Inc. (CPGI)?

( ) Oo, ask 2.15  
( ) Hindi, skip to 3.1

**2.15 Anong impormasyon tungkol sa proyekto ng City Pacific Group, Inc. (CPGI) ang kailangan niyo pa pong malaman?** What information regarding City Pacific Group, Inc. (CPGI)? (Record as mentioned)

### 3. Sources of Income and Livelihood

**3.1 Saan po nanggagaling ang pinagkikitaan at hanapbuhay ng pamilya niyo?** What the sources of income and livelihood of your family? (X as many as mentioned)

- ( ) Pagsasaka / Farming  
( ) Paghahango ng mga produkto sa gubat / gathering of forest products  
( ) Employment in government / Empleyado sa gobyerno  
( ) Private employment / Empleyado sa pribadong sector  
( ) Negosyo; pangangalakal; sariling-kita / Business; self-employment ( ) Pension  
( ) Kita sa OFW ng mga anak or magulang; kamag-anak  
( ) Paminsan-minsan na trabaho / seasonal work; temporary work  
( ) Others, specify\_\_\_\_\_

### 4. General Perception on City Pacific Group, Inc. (CPGI) and Similar Projects

**4.1 Kung ang '0' (zero) ay 'labis na hindi sang-ayon' at ang '10' (sampu) ay 'labis na sumasang-ayon' sa pagpapatayo proyekto ng City Pacific Group, Inc. (CPGI), saan niyo po ilLagnasay ang sarili niyo sa sukat na ito?** Let's say that '0' represents totally not in favor and '10' totally favor, are you in favor of the building of the project of City Pacific Group, Inc. (CPGI)?

0	1	2	3	4	5	6	7	8	9	10
<b>LABIS NA HINDI SANG-AYON</b>										<b>LABIS NA SUMASANG-AYON</b>

( ) Don't know / No answer

**Maraming salamat po sa oras na ibinahagi niyo sa amin para survey na ito!**

Enumerator's notes / Other comments / Other observations:



## B-2 Photo documentation

Perception Survey:

Venue: :

Date: :

Enumerator's Training and Perception Survey

Barangay Ilvita, Sablayan, Occidental Mindoro

4 and 5 October 2021, Monday and Tuesday







FORESTEReplan  
Landscape Consultancy Service  
"Sustainable Practice, Sustainable Return"

## ENUMERATOR'S TRAINING FOR THE INITIAL PERCEPTION SURVEY

### ATTENDANCE

Amnay River Dredging and Desilting Project  
Barangay Ilvita, Sablayan, Occidental Mindoro  
October 3 and 4, 2021

	Last Name	First Name	Signature	Barangay / LGU Represents
1	MENDOZA	FLODANTE D		
2	BUSTILLOS	RONALD JAMES		
3	LAVICOR	CACHUELA		
3	NERISSA T. DAMAEMORO			
4	Jordan Ballano			
5	Renato Damaemoro			
6	RICHELLE T. DAMAEMORO			
7	VICTOR ALI KINTANAR			
9	Jordan Ballano			
10	Atendido, Renato			
11	Atendido, Mary Jean			
12	Atendido, Katrim			
13	Dela Cruz, JOSEPH			
14	Dela Cruz, ROSALIE			
15	Dela Cruz, J. ALLEN			
16	Espino, Francis			
17	Almaro, Ricardo			
18	Daong, Redington			
19	Renjot, Damaemoro			
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## B-3 Basic Profile of Respondents

Salient features of the respondents include:

- Average age: 50 years
- 70% are married
- 63% are spouses (mostly wives) of the household head
- Average years of residence in host communities range from 2 - 79 years for an average of 38 years
- Close to 75% are Mindoro-born
- Household size ranges from 1 – 16 persons for an average of 5
- All households have Tagalog as the primary language spoken at home

## Appendix C Proposed list of invitees for the public scoping

**Appendix C.** Proposed list of invitees for the public scoping.

Invitees	Organization	Remarks
Municipal Mayor	LGU Sablayan	
Municipal Health Officer	LGU Sablayan	
Barangay Chairman	Barangay Claudio Salgado	
	Barangay Ilvita	
	Barangay Victoria	
	Barangay Pagasa	
	Barangay Lagnas	
Representative(s)	Fisherfolks	
	Youth Organization	
	Senior Citizens	
	Cooperatives	
Inter-Agency Committee	Secretariat	
	Staff	
ENRO	CENRO	
DPWH	RDZ Staff	
Secretariat	Provincial Government Office	
Other Groups		