

# SOCIAL PARTICIPATION PROCESS REPORT

ENVIRONMENTAL IMPACT ASSESSMENT  
AND ENVIRONMENTAL MANAGEMENT PLAN

PIER DREDGING 1, 2, 3, 4, 5 AND 6,  
MOTION AREA AND ACCESS  
CHANNEL OF PUERTO BOLÍVAR

MACHALA – EL ORO – ECUADOR  
JUNE 2017

## 1.- BACKGROUND

This report focuses on the Social Participation Process results for the project: ENVIRONMENTAL IMPACT ASSESSMENT AND ENVIRONMENTAL MANAGEMENT PLAN OF PIER DREDGING 1, 2, 3, 4, 5 AND 6, MOTION AREA AND ACCESS CHANNEL OF PUERTO BOLÍVAR carried out in June 2017.

To this end, the Provincial Directorate of the Ministry of the Environment of El Oro, in the capacity of Environmental Authority for Responsible Application, has defined the framework of action based on which the procedures for the Implementation of the Social Participation Mechanisms of the project will be developed.

The Social Participation Mechanisms to be carried out were defined in a Coordination Act of the Social Participation Process (Annex 1) signed on May 24, 2017, by:

- Santiago Aguilar, Project Manager, YILPORTECU S.A.
- Paola Pelay, Social Technician of the Provincial Directorate of the Ministry of the Environment of El Oro.
- Katty Pérez, Technician for Ecosfera Cia. Ltda.

## 2.- GENERAL INFORMATION - TECHNICAL DATA SHEET

<b>PROJECT</b>	PIER DREDGING 1, 2, 3, 4, 5 AND 6, MOTION AREA AND ACCESS CHANNEL
<b>PHASE</b>	Construction
<b>DEVELOPER NAME</b>	YILPORT TERMINAL OPERATIONS (YILPORTECU) S.A.
<b>LEGAL REPRESENTATIVE</b>	Rafael Sapiña García
<b>PROCESS</b>	SOCIAL PARTICIPATION
<b>PROJECT EXTRACT</b>	The company YILPORT TERMINAL OPERATIONS (YILPORTECU) S.A., within its proposal of a private initiative named PROJECT FOR MODERNIZATION OF PUERTO BOLIVAR, is planning the

	<p>Pier Dredging 1, 2, 3, 4, 5 and 6, Motion Area and Access Channel of Puerto Bolívar.</p> <p>The Dredging project includes two stages being:</p> <ul style="list-style-type: none"> <li>• Dredging of piers 1, 2, 3, 4, 5, and 6, corresponding to 9 hectares.</li> <li>• Dredging of the Motion Area and Access Channel to the port; corresponding to 94.7 hectares plus another 400 hectares of the seaport access channel.</li> </ul> <p>The works will be carried out from 4 kilometers before the sea buoy to the limit of the maneuvering and berthing area, approximately 9000 m. of length.</p>
<b>AREA OF INFLUENCE</b>	<p>Parish: Puerto Bolivar</p> <p>Canton: Machala</p>
<b>DATE OF PREVIOUS INSPECTION</b>	<p>May 22 and 23, 2017</p>
<b>DATE OF CALL POSTING</b>	<p>Written press: June 3, 4, and 6, 2017</p> <p>Radio: May 31, June 1, and 2, 2017</p> <p>Information signs: June 2 and 3, 2017</p>
<b>DATE OF WEBSITES POSTING</b>	<p>June 5 to 12, 2017</p>
<b>DATE OF INVITATIONS DELIVERY</b>	<p>June 2, 3, and 5, 2017</p>
<b>DATE OF INFORMATIVE MEETING</b>	<p>June 7, 2017</p>
<b>DATE OF SOCIAL PARTICIPATION PROCESSES</b>	<p>Friday, June 2 to Monday, June 12, 2017</p>

### 3.- LEGAL ASPECTS SUPPORTING THE SOCIAL PARTICIPATION PROCESS

This process of social participation is based on the legal framework of the juridical instruments described below:

#### 3.1.- POLITICAL CONSTITUTION OF THE REPUBLIC OF ECUADOR PUBLISHED IN THE OFFICIAL REGISTER NO. 449 MONDAY, OCTOBER 20, 2008

##### **CHAPTER ONE: PRINCIPLES OF RIGHTS IMPLEMENTATION**

- **Art. 10.-** Individuals, communities, peoples, nationalities, and collectives are entitled to and enjoy rights guaranteed by the Constitution and international instruments. Nature shall be the subject of those rights recognized by the Constitution.

##### **CHAPTER FOUR: RIGHTS OF COMMUNITIES, PEOPLE, AND NATIONALITIES**

- **Art. 57.-** Indigenous communities, peoples, and nationalities are recognized and guaranteed, following the Constitution, treaties and conventions, declarations, and other international human rights instruments, the following collective rights:
  - Numeral 7: Prior, free, and informed consultation, within a reasonable period, on plans and programs for prospecting, exploitation, and marketing of non-renewable resources found on their land that may affect them environmentally or culturally; participation in the benefits that these projects may report and to receive compensation for the social, cultural, and environmental damages that they may cause. The consultation to be carried out by the competent authorities shall be mandatory and performed promptly. If the consulted community's consent is not obtained, the Constitution and the Law shall be complied with.

##### **CHAPTER FIVE: PARTICIPATION RIGHTS**

- **Art. 61.-** Ecuadorians enjoy the following rights: Numeral 4: Be consulted

#### **TITLE II: RIGHTS**

##### **CHAPTER TWO: RIGHT TO LIVE WELL**

##### **Second Section: Healthy environment**

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- **Art. 14.-** The right of the population to live in a healthy and ecologically balanced environment, which guarantees sustainability and good living, *sumak kawsay*, is recognized.  
The preservation of the environment, the conservation of ecosystems, biodiversity, and the integrity of the country's genetic heritage, the preservation of environmental damage, and the recovery of degraded natural spaces are declared to be of public interest.

### 3.2 .- LAW NO. 37 OFFICIAL REGISTRATION NO. 245 DATED JULY 30, 1999

This Law establishes the principles and guidelines for environmental policy, determines the obligations, responsibilities, levels of participation of the public and private sectors in environmental management, and sets out permissible limits and controls and penalties in this area. The following articles apply to this environmental study:

#### **TITLE III: CHAPTER, "ENVIRONMENTAL IMPACT ASSESSMENT AND ENVIRONMENTAL CONTROL"**

- ❖ **Art. 19.-** Public, private or mixed works and public or private investment projects that can cause impacts will be qualified before their execution by decentralized control bodies, following the Sole Environmental Management System, whose guiding principle will be precautionary.
- ❖ **Art. 20.-** For the beginning of any activity that involves environmental risk, the respective license granted by the Ministry of the Alamo must be provided.
- ❖ **Art. 21.-** Environmental management systems will include baseline study, environmental impact assessment, risk assessment, management plans, risk management plans, monitoring system, contingency and mitigation plans, environmental audits, and abandonment plans, once these requirements have been met and following their qualification.
- ❖ **Art. 23.-** The environmental impact assessment shall include the following aspects:
  - Estimating the effects on human populations, biodiversity, soil, air, water, the landscape, and the structure and function of ecosystems present in the area expected to be affected.

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- Public peace conditions such as noise, vibrations, odors, light emissions, thermal changes, and any other environmental damage, and
  - Cases in which the project, work, or activity will have the items that they make up the historical and cultural heritage.

### 3.3.- EXECUTIVE DECREE 1040 OF THE OFFICIAL REGISTER 332 DATED MAY 8, 2008

This regulation gives more participation to the general public in the interest of making it known activities that alter the environmental environment in which they operate, guaranteeing their opinion on this, since on this lies the sovereignty of the Ecuadorian State guaranteeing a life in a healthy environment, ecologically balanced and free from contamination.

#### **TITLE III: SOCIAL PARTICIPATION**

- ❖ **Art. 7.- Scope.-** Social participation is developed within the framework of the "Environmental Impact Assessment and Environmental Control" procedure of Chapter II, Title III of the Environmental Management Law.
- ❖ **Art. 8.- MECHANISMS.-** Mechanisms are recognized as mechanisms for citizen participation in environmental management without the following being the only ones:
  - Public hearings, assemblies, and dialog forums.
  - Training, dissemination, education, and environmental socialization workshops Media awareness campaigns.
  - All media allowing the community access to information available on activities, works, projects, and decisions that may affect the environment.
  - Distribution of project information documentation.
  - Other mechanisms that establish the relevant laws.
- ❖ **Art. 9.- SCOPE OF SOCIAL PARTICIPATION.-** Social participation is a cross-cutting and transcendental element of environmental management. Consequently, they will be integrated mainly during the phases of any proposed activity or project, especially the relationships with the review and evaluation of environmental impacts.
  - Social participation in environmental management as a purpose to consider and incorporate the criteria and observations of the citizenry, especially the

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Population directly affected by work or project, on the relevant environmental variables of environmental impact studies in environmental management plans, provided that it is technically and economically feasible, that activities or projects that may cause environmental impacts are adequately developed, minimizing and/or compensating for these impacts to improve the environmental conditions for the implementation of the activity or project in all its phases.

Social participation in environmental management is governed by the principles of legitimacy and representativeness and is defined as a tripartite effort between the following actors:

- State institutions
- Citizenship
- Promoter interested in performing an activity or project.

According to socio-cultural characteristics, the information to be provided to the community of the area of influence must respond to criteria such as Simple and didactic language, complete and true information in the native language if the case is present; and seek a level of participation.

- ❖ **Art. 10.- MOMENT OF SOCIAL PARTICIPATION.-** Social participation shall be carried out in a mandatory manner for the responsible environmental enforcement authority, in coordination with the promoter of the activity or project, before the environmental impact study's approval.
- ❖ **Art. 13.- FUNDING.-** The cost of Social Participation mechanisms shall be covered by the Responsible Environmental Enforcement Authority that must approve the environmental impact study of a project or activity that may generate environmental impacts. These costs shall be paid by the project's promoter or activity to the Environmental Enforcement Authority, as provided for in the Modernization Law.
- ❖ **Art. 15.- SUBJECTS OF SOCIAL PARTICIPATION.-** Without prejudice to the collective right that guarantees to all inhabitants the intervention in any social participation procedure, this will be addressed as a priority to the community within the area of direct influence where the activity or project that causes environmental impact is carried out, the same shall be defined previously by the competent Authority.

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- ❖ **Art. 16.- SOCIAL PARTICIPATION MECHANISMS.-** Social participation mechanisms provided for in this regulation shall comply with the following requirements:
- Dissemination of information about the activity or project you generate environmental impact.
  - Receipt of criteria
  - Systematization of the information obtained.

### 3.4.- MINISTERIAL AGREEMENT 061. REFORM OF THE UNIFIED TEXT OF SECONDARY ENVIRONMENTAL LEGISLATION

#### **ENVIRONMENTAL STUDIES**

- ❖ **Art. 40 Resolution.-** The Competent Environmental Authority shall notify the subjects of control of the projects, works, or activities with the issuance of the resolution of the environmental license, which shall detail the conditions to which the project, work, or activity will be submitted, during all phases of the project, as well as the legal and regulatory powers for the operation of the project, work or activity: the same one that will contain:
- a) The legal considerations were the basis for the pronouncement and approval of the environmental study.
  - b) The technical considerations on which the resolution is based.
  - c) Considerations on the Social Participation Process, following applicable environmental regulations.
  - d) The approval of the corresponding Environmental Studies, the granting of the environmental license, and the condition concerning the suspension and/or revocation of the environmental license in the event of non-compliance.
  - e) The obligations to be fulfilled during all phases of the project, work, or activity life cycle.

#### **CHAPTER V**

#### **SOCIAL PARTICIPATION**

- ❖ **Art. 44 Social Participation.-** It is governed by the principles of legitimacy and representativeness and is defined as an effort of the State's institutions, the citizenship, and the subject of control interested in carrying out a project, work, or activity.
- The competent Environmental Authority shall inform the population of the possible implementation of activities and/or projects, as well as of the potential impacts.



expected socio-environmental and the relevance of the actions to be taken. To collect their opinions and observations and incorporate in Environmental Studies those that are technically and economically viable.

The social participation process is mandatory as part of obtaining the environmental license.

- ❖ **Art. 45 Participation Mechanisms.-** These are the procedures that the Competent Environmental Authority applies to make Social Participation effective. For the application of these mechanisms and the systematization of their results, it shall act following the provisions of the Instructions or instruments issued by the National Environmental Authority for the purpose.

Social participation mechanisms will be defined considering: The level of impact generated by the project and the level of conflict identified; and if the case may be, they will generate greater spaces for participation.

- ❖ **Art. 46 Moments of Participation -** Social Participation will be held during the review of the environmental study, Following the procedure laid down in the regulations issued for the purpose and must be carried out compulsorily by the competent Environmental Authority in coordination with the promoter of the activity or project, taking into account the particularities of each case.

### 3.5. - MINISTERIAL AGREEMENT 103. INSTRUCTIVE TO THE REGULATION ON THE APPLICATION OF SOCIAL PARTICIPATION MECHANISMS

#### **CHAPTER I: DEFINITION AND SCOPE OF THE SOCIAL PARTICIPATION PROCESS (PPS)**

- ❖ **Article 1.-** The actions shall be understood by the process of social participation through which the competent Environmental Authority shall inform the population of the possible implementation of projects, works, or activities, as well as of the possible socio-environmental impacts expected and the relevance of the actions to be taken, to collect their opinions and observations, and incorporate in Environmental Studies those that are technically and economically viable.
- ❖ **Article 2.-** The Social Participation Process (PPS) shall be carried out in a mandatory manner in all projects, works, or activities that require an Environmental Study for regularization. The Environmental Authority

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National through the Single Environmental Information System will determine the procedure of Social Participation to be applied, the same one that can be developed with a facilitator or without a Socioenvironmental Facilitator according to the project's level of impact, work, or activity.

- ❖ **Article 3.-** The National Environmental Authority shall be responsible for the control and institutional administration of Social Participation (PPS) processes in those projects or activities in which it intervenes as competent Authority. If there are duly accredited responsible environmental enforcement authorities, they shall be responsible for applying this instruction. In both cases, the Environmental Study will be published in the Single Environmental Information System, where the citizenry observations will be recorded.
- ❖ **Article 4.-** Without prejudice to other mechanisms established in the Constitution of the Republic of Ecuador and the Law, for the proper application of this instrument, take into account the following mechanisms and definitions:
  1. **Public Presentation Assembly (APP):** A central event of the Social Participation Process that summons all the actors that have a relationship with the project and in which it is presented in a didactic manner and adapted to the local socio-cultural conditions, the Impact Study and the Environmental Management Plan of the project, work or activity. The assembly creates a space for dialog where concerns about the project are addressed, and comments, criteria, and recommendations are received from participants.
  2. **Informational Meetings (RI):** In the IRs, the sponsor will report on the main characteristics of the project, its foreseeable environmental impacts, and the respective mitigation measures to clarify questions and doubts about the project and to receive observations and criteria from the participants.
  3. **Public Information Centers (CIP):** The Impact Study and Environmental Management Plan, as well as didactic and visualized documentation, will be made available to the public in a locality of easy access; personnel familiar with the project, work, or activity must be present to explain its contents. The Information Centers may be of a fixed nature or

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4. **Web Page:** A mechanism through which all interested parties can access project, work, or activity information online. The website address will be widely disseminated.
  5. **Social Participation Procedure:** The National Environmental Authority will determine, through THE SIA Single Environmental Information System, the procedure to be applied according to the level of impact that the project, work, or activity can generate.
  6. **Participatory workshops:** To complement and reinforce the effect of RIS, workshops may be held to allow the promoter to identify local perceptions and development plans to insert his proposal for mitigating and/or compensating measures into his Environmental Management Plan, according to the reality of the environment where the development of the activity, work, or project is proposed.
  7. **Socio-Environmental Facilitator:** Professional in free exercise, without a relationship of dependency with a public or private institution, which the Ministry of the Environment recognizes as qualified and registered for the organization, coordination, and conduct of the processes of Social Participation; In the management of discussion groups and the systematization, analysis, and interpretation of processes of social dialog among diverse actors: Companies, local governments, State, civil society.
  8. **Direct Social Influence Area:** A space resulting from direct interactions of one or more project, work, or activity elements with one or more elements of the social context where it will be implemented. The direct relationship between the project, work, or activity and the social environment occurs at least two levels of social integration: Individual units (farms, houses, estates, and their corresponding owners) and first and second-order social organizations (communes, enclosures, neighborhoods associations of organizations and communities) If the final location of the project elements and/or activities is subject to factors external to those considered in the study or other subsequent technical and/or environmental aspects, The case justifications duly supported for evaluation and validation by the competent Environmental Authority must be presented; for this, the determination of the area of direct influence shall be made at least at the level of first and second-order social organizations
  9. **Indirect Social Influence Area:** Socio-institutional space resulting from the project relationship with political-territorial units.

where the project, work, or activity is carried out: parish, canton, and/or province. The reason for the relationship is the role of the project, work, or activity in the planning of the local territory. Although it is based on the political-administrative location of the project, work, or activity, there may be other territorial units that are relevant to the socio-environmental management of the project such as the indigenous territorial constituencies, protected areas and communities.

### **CHAPTER III: SOCIAL PARTICIPATION PROCESS WITHOUT SOCIO-ENVIRONMENTAL FACILITATOR**

- ❖ **Article 27.-** The process of social participation without a Socioenvironmental facilitator shall be carried out by publishing the Environmental Study on the Web Page of the Single Environmental Information System; if a Web portal is available, it shall also be published online on the page of the proponent. The observations, comments, and recommendations of the citizenry will be collected on THE PAGE of THE SIA, which will be incorporated in the Environmental Studies when they are technically and economically viable. The proponent will upload on THE PAGE of THE SUIA the Environmental Study of the project, work or activity with all its annexes, and the executive summary of the project, which will describe in understandable and simple language the main characteristics of the project, work, or activity, its impacts and proposed Environmental Management Plan.
- ❖ **Article 28.-** Once the Environmental Study, its annexes, and the executive summary have been published online, the proponent of the project, work, or activity will inform the population of the socialization of the project through the following means:
  1. Publication in mass media with coverage in the areas of influence of the project, work, or activity (press, radio, or television).
  2. Information posters are located at the site of project implementation, work, or activity in the billboards of the sectional governments and the places of the greatest public influx of the communities involved.
  3. Written communications addressed to the subjects of social participation indicated in the Regulations for the Application of Social Participation Mechanisms established in the Environmental Management Law, to which the executive summary of the Environmental Study will be attached, applying the principles of legitimacy and representativeness. For the issuance of such communications, the following shall be considered:

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- a) The central government and sectional government authorities related to the project, work, or activity.
  - b) Members of legally existing and duly represented community-based, indigenous, Afro-Ecuadorian, gender organizations; and,
  - c) People who live in the area of direct influence, where the project, work, or activity involving environmental impact will be carried out.

The communication will include an extract of the project, work, or activity and the address of the website where the Environmental Study and the executive summary will be published. The means of verification of the call made shall be provided by the proponent for the review of the competent Environmental Authority, who shall verify that it has been carried out following the provisions of this instruction. The publication of the Environmental Study shall be 7 days from the date of communication to the social actors of the project, work, or activity, during which period the observations, comments, and recommendations of the citizenry will be received online.

- ❖ **Article 29.-** The Competent Environmental Authority, considering the level of impact of the project, work, or activity, may additionally arrange for the proponent through THE SUIA to carry out an Information Meeting in the area of influence of the project, this will be done under the supervision of the competent Environmental Authority. The meeting shall be convened by the social actors who have a relationship with the project, work, or activity following the provisions of Art. 29 of this instrument. The information on the place and date of the Information Meeting shall be included in the means of convocation established in that article.

The promoter of the project, work, or activity shall submit to the competent Environmental Authority the report of the Information Meeting held, including the forum of questions and the systematization of the observations, comments, and suggestions of the community, as well as all supporting documentation to verify compliance with this social participation mechanism: meeting minutes, attendance register, photo registration, at least.

- ❖ **Article 30.-** The Competent Environmental Authority, during the review of the Environmental Study, shall verify that the criteria, observations, and recommendations received, which are technically and economically viable, are considered by the promoter of the project, work, or activity and included in the Environmental Study with their corresponding technical support.

#### 4.- IDENTIFICATION OF KEY ACTORS

Among the actors identified in the area of influence and invited to the Information Meeting, established and approved by the Provincial Directorate of the Ministry of Environment El Oro were the following:

No.	NAMES AND SURNAMES	POSITION
1	José Trujillo	Provincial Director of the Ministry of the Environment of El Oro
	Esteban Quirola	Head Officer of El Oro Province
	Hernan Peñaherrera Segura	National Director of El Oro Aquatic Spaces
	Darwin Gonzalez	Coordinator of the Secretariat of Environmental Management of the El Oro Autonomous Provincial Government
3	Carlos Falquez Aguilar	Mayor of Machala Canton
4	Carolina Beltron	Director of Environmental Management of the Municipality of Machala
5	Xavier Astudillo	Head Fire Chief of Machala Canton
6	Rocio Barriga	Governor of El Oro Province
7	Victor Samaniego	UPC Head of Puerto Bolivar Circuit
8	Segundo Calderon	President of the El Oro Chamber of Shrimp Producers

<b>No.</b>	<b>NAMES AND SURNAMES</b>	<b>POSITION</b>
9	Ernesto Castro	Provincial Director of Agriculture of El Oro
10	Gustavo Astudillo	Inspector of El Oro Undersecretariat of Agriculture
11	Vicente Guzman	General Manager of the Port Authority of Puerto Bolivar
12	Gorky Moscoso	President of the Board Puerto Bolivar Parish
13	Hector Zambrano	Municipal Commissioner of Puerto Bolivar
14	Galo Erazo	Chief of the Judicial Police of Machala District – El Oro Sub-Area
15	José Jurado Flores	President of Colegio de Bachillerato Simon Bolivar
16	Jefferson Saavedra	President of the Educational Unit Victor Naranjo Fiallos
17	Fabricio Jara	SENAGUA Director
18	Rocio Reinoso	President of the Puerto Bolivar First Ecological Center
19	Jose Palas	President of Simón Bolívar Borough
20	Fabiola Briones	IEPS Coordinator
21	Blanca Aldaz	Leader of La Union Borough
22	Mariana Benitez	UOPPAO President
23	Mercedes Orellana	Director of Escuela Sara Serrano de Maridueña
24	Maryuri Cruz	President of La Union Borough
25	Nuvia Chavez	President of Harry Alvarez Borough
26	Roberth Diaz	President of Del Pacifico Borough
27	Oscar Correa	Spokesman of El Pacifico Borough

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No.	NAMES AND SURNAMES	POSITION
28	Miriam Solorzano	President of Virgen del Cisne Borough

## 5.- METHODOLOGY OF SOCIAL PARTICIPATION PROCESS

To carry out this participation process, a previous meeting was held in conjunction with the Environmental Authority (MAE Provincial Directorate), Project Promoter (YILPORTECU S.A.), and the Environmental Consultant Ecosphere Cia. Ltda.

At the meeting held on May 24, 2017, a Coordination Act was signed, in which the following mechanisms to be implemented were set out:

### 5.1.-PUBLICATION IN WEBSITE

The publication of the Draft Environmental Impact Assessment of the ***Environmental Impact Assessment Pier Dredging 1, 2, 3, 4, 5 and 6, Motion Area and Access Channel of Puerto Bolívar*** from June 5, 2017, to June 12, 2017, in the following web pages:

- ❖ Ministry of the Environment (<http://maeeloro.wordpress.com>)
- ❖ Promoting Company YILPORTECU S.A. (<http://www.yilport.com>)
- ❖ Consulting Company Ecosphere Cia. Ltda. (<http://www.ecosferaconsultora.com>)

(Annex 2)

### 5.2.-PUBLICATION IN SPOKEN PRESS

The call was presented on the Gaviota 105.1 FM Radio in the city of Machala on May 31, June 1, and 2, 2017.

(Annex 3)



### 5.3.- PUBLICATION IN WRITTEN PRESS

Diario El Correo, of the City of Machala, was selected as the most widely disseminated press, where the Call for the Social Participation Process was published on the following days:

- Saturday, June 3, 2017
- Sunday, June 4, 2017
- Tuesday, June 6, 2017

At this point it is important to indicate that due to an involuntary typing error in the call published in Diario El Correo was placed incorrectly on the day of the Informative Meeting, entering the day Tuesday instead of Wednesday; However, the date was correct and in the publication of Tuesday, June 6 was rectified, this can be verified in the attached annexes.

**(Annex 4)**

### 5.4. - PLACEMENT OF CALL-OUT POSTERS

The placement of posters detailing the call was arranged from Friday, June 2, to June 12, 2017, in the following places:

- Port Authority of Puerto Bolívar
- Municipality of Puerto Bolívar
- Health Center of Puerto Bolívar Parish
- Puerto Bolívar Captaincy
- Puerto Bolívar Cabotage Pier

**(Annex 5)**

### 5.5.- DELIVERY OF PERSONAL INVITATIONS

According to the Social Actors Survey, personal invitations were given for the Informative Meeting that took place on Wednesday, June 7.

The invitations were given between June 2 and 3. However, as the date error existed, the June 5 invitations were redelivered to all social actors, as explained above.

**(Annex 6)**

### 5.6. - INFORMATION MEETING HELD

On Wednesday, June 7 at 11:20 was held the Information Meeting of the Environmental Impact Assessment of Pier Dredging 1, 2, 3, 4, 5, and 6, Motion Area and Access Channel of Puerto Bolívar; in the facilities of the Auditorium of the Port Authority of Puerto Bolívar with the presence of 89 people. (Annex 7)

The Agenda for the meeting was as follows:

- 1. Opening of Information Meeting**
- 2. Intervention by the representative of the Ministry of the Environment** as responsible Environmental Authority by Claudia Bustamante.
- 3. Intervention by the representative** of the YILPORTECU S.A. project promoter by Santiago Aguilar, explaining the description of the project, its characteristics, machinery and equipment to be used, times, timetables, among other aspects of the project.
- 4. Presentation of the Draft Environmental Impact Study** by the Consulting Team. The following are the topics discussed and the responsible technicians:
  - Harry Veintimilla
    - Main features of the project
    - Activities of the Social Participation Process
    - Experience of the consulting company.
  - Jorge Intriago
    - Legal Framework
  - Claudia Cordero
    - Introduction
    - Definition of the Study Area
    - Environmental Baseline
    - Water Quality Analysis Results
    - Sediment Analysis Results
    - Air Quality Results and Noise Monitoring
    - Identification and Assessment of Impacts
    - Environmental Management Plan

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- Romel Molina
    - Introduction
    - Flora and Fauna Diagnostics
  
  - Cesar Valarezo
    - Introduction
    - Results of bioassays of shrimp mortality

5. **Dialog Forum.** The following details the entries and textual responses issued at this point:

**DESCRIPTION OF THE DIALOG FORUM**

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QUESTION AND/OR COMMENT
<p><b>2<sup>nd</sup> Commander of the Port Captaincy - Diego Criollo</b></p> <p>I have two questions; well, the first is a question and it is some sort of contribution to call it that way. I understand that within the study, all regulations were complied with and all analyzes were made, but the sediments are expected to be deposited in the pools that have been built here at the entrance of the base, that, as it was said within the study, many pollutants drain or are dumped in the sea. Precisely in the Santa Rosa estuary, this is the product of the pollution by people who do not have a sewage system with water treatment, and therefore this goes to the estuary at the moment that these sediments are absorbed and deposited here. I do not know if the effect that could cause was analyzed, since these sediments contact the temperature outside the water, I do not know how it will affect people who live there, and I ask this because we, as military, we live according to the conditions, we are part of those people, people, of that social conglomerate that we could suddenly be affected by this, I mean in terms of the climate, which must be taken into account.</p>
ANSWER
<p><b>Director of EMPRIDREY DEL ORO Dredging, Juan Carlos Romero</b></p>

Good afternoon all, I am Juan Carlos Romero, we are from the dredging company that is going to carry out the dredging work. The sediments are going to have a control which we are going to monitor; at the moment, we are waiting for a time span in which the sediments go to the bottom, and the water will come out, we cannot say 100% clean, but it would mitigate around 80%. Talking about temperatures and any odor emanation, it would not be a great affectation since, as indicated above, the problems of toxicity sediments are after the cabotage dock, and the work will not be carried out; they will be carried out from pier 1 upto pier 5.

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**QUESTION AND/OR COMMENT**

**Delegate of the Association of Architects of the Provincial Ecuador of El Oro - Holger Matamoros Espinosa:**

I have some concerns about this process of social participation. First of all, the invitation made has a mistake; we attended yesterday in accordance with the call that said Tuesday 7, 11 am, we already saw that there was a mistake in the press, here were some sectors that came to listen to as they called it in that station an information talk. I believe that for the magnitude of this project, it cannot be seen as a mere talk, we are carrying out a process of participation for a high sensitivity project for the province of El Oro, considering that this is going to be one of the projects with the greatest impact to our ecosystem, on the other hand, although it is true that ministerial agreement 103 seems to include that the concept of socialization is sometimes done with the help of a facilitator and in other cases not, and this is one of the cases that concerns me as a project of great impact has not been considered a facilitator, that is why the problem we have had look at how this audience is at this moment, empty because there was no follow-up on how a socialization process should be carried out; people became bored, excuse my language, reading a legal framework in which that is not the objective of this talk as you call it, we have not heard at this moment what impacts this project will have or cause to the environment, we have not heard, we have not seen the assessment because the analysis of the

environmental impacts that determine this project were supposedly going to be detailed by you in the environmental management plan, which we have not heard. Something else that worries me, here are three master projects, The dredging of the piers from 1 to 5 that are the ones that exist today, and you are talking about pier number 6 that does not yet exist that is another project and we are talking about the dredging of access to Puerto Bolivar then are three projects in one, something that I am seeing the environmental management plan for these three projects that add up to 150 thousand something is too little that has to be reviewed, we have to put real values to what is going to be done here. Thank you very much.

#### **ANSWER**

##### **Environmental Consultant - Harry Veintimilla**

Well, answering some of your questions, we published the day Friday, Saturday, and Sunday in the press, there was an involuntary error, it was put Tuesday 7 instead of Wednesday 7. But the error was corrected by publishing again on Tuesday with the necessary corrective measures, and on Monday at the first hour, all invitations to social actors were sent again correcting the date. It was not the other way around, the information talk was not done on Tuesday and was published for them to go on Wednesday, but it was, on the contrary, it was rather given a day more so that more social actors could come. This is a process of social participation, however, everything is currently regularized on a platform managed by the Ministry of the Environment in which they regularize all the projects and this at the time when we categorized the project as construction and operation of works for dredging of river sources of the sea, not true, we obtained that the corresponding procedure was an Environmental License as we see on the page of the Ministry of the Environment of the SUIA platform, and where it says that the review time is in line with the process of analysis of the review of information entered within the parameters of the current environmental regulations, it includes a socialization or public dissemination of the project in the public broadcasts, it does not require facilitator as we have. this is more so if we had wanted to have only accepted one of the mechanisms of publication on the web page or publication in the newspaper and nothing else, we would not even have requested people to come here to socialize, however we welcomed more, it was published on the web page and published in Diario El Correo and this Information Meeting, then we have nothing to

hide, all the results are there, all our work that was done throughout this time is contained in each of the pages, as communicated to them is an extremely broad work is posted on the website and the environmental management plan are 80 sheets, all measures with their respective follow-up are bioassays of monitoring of sediment, water, frequencies, values in order, etc.; this is a draft management plan, let's say so in quotation marks, the concerns you have, the recommendations will be received, if you say, for example, that you are worried, we want the monitoring frequencies to be bi-monthly for us to go see how the dredging behavior is, we will do it that it will be monthly for 6 months for 10 months that the dredging lasts that will depend very much on what you propose and the proposing part that in this case is YILPORT Ecuador.

**Environmental Consultant - Claudia Cordero**

Regarding what the Architect mentions, in terms that 3 projects are included in this project, we must clarify that this is not the case.

While it is true that Pier 6 is not yet built, it will be built from April 2018 for which its proper license or environmental record will be taken as appropriate, already at later dates.

At this point, it is also important to clarify that the company YILPORT wants to comply with all the environmental legislation of Ecuador, even the Port Authority of Puerto Bolivar will also undergo a licensing process going beyond.

In what I mentioned in the Ministerial Agreement 103 establishing mechanisms for social participation, we have to establish some, to which the promoting company and the consultant, in coordination with the Environmental Authority that in this case becomes the Ministry of Environment see what is the most appropriate mechanism to be carried out according to the project, these can be published on the web page, can be public information center, it can be informative meetings, even an assembly can take place, we have fulfilled some processes of social participation as mentioned at the beginning, personal invitations were given to the main actors published in the press, calls were also posted on the radio and this meeting was held also because it was noted that there are many stakeholders in this project and also with many recommendations and observations to give us.

## 3

**QUESTION AND/OR COMMENT****National Director of Aquaculture - Gerardo Maridueña**

Although indeed, we have not received an invitation, we also have not been told not to come, and I would like to start my speech on this point by stating that I have some extremely serious doubts as to the veracity of the study. because first, the study begins by introducing being an [unclear] consultant, ignoring the land use of the province of El Oro, seems to be not known that there is a gravitational mining sector in this province, probably one of the causes of the greatest pollution by heavy metals that are deposited precisely in the coastal strip that is proved, it is denied that the Province of El Oro is the province that contributes more than approximately 50% of shrimp exports from Ecuador, the shrimp sector is excluded from the Environmental Impact Study has not been evaluated, worse still to the Jambeli archipelago, it is close to the area of direct influence where there are more than 18 thousand hectares of shrimp not even taken into account, another problem that worries me very much is that the area where you are going to dredge is where it is exactly that area has not been sampled is where you should have taken the samples, that area is where you have not sampled it. I would like you to show the slide with the sampling points, in the access channel from which the sediment is to be extracted, it is from that place that they must have been sampled to demonstrate that the area from which approximately 7.6 million cubic meters of sediment is to be extracted is the largest dredging that has occurred in this country, the quality of water and salt sediment has not been evaluated precisely, when it analyzes water quality, analyzes certain parameters, heavy metals are well analyzed, and they forgot about pesticides. We talk about the environmental impact study that this is an agricultural province, it is the banana capital of the world but to produce this banana requires a lot of pesticides and these pesticides for some of the many reasons it is going to just fall into the mouth of the different rivers, and these will fall into the sea. it is being dragged by the movement of the waves will be sedimented and pesticides have not evaluated them, either in the water quality or in the sediments, because in both places they are deposited,

you mentioned the environmental standard where if organic compounds and pesticides are considered they must be analyzed, organic ones, skipping mercury, oils, and fats, then hydrocarbons, and pesticides were forgotten, (slides were put) this is the channel of access the 6 points had to be extracted, not in the area of direct influence because they are not going to take out the sediment from here, it is from here they are going to take out the sediment, the 6 points the 7.6 million are going to go from here then from here it is where they had to have removed the sediments, then when I want to do a test I have to have a result of water samples, a result of contamination of the sediment, it has to come from where I will take the material.

A video was presented where dredging workers were seen as they were going to act perhaps FILIPO is the most ecological dredge that exists by the way of acting, on the other hand, the other type of dredge the part that they mentioned as acting as a vacuum in the seabed did not evaluate the [unclear] that there are and that they will alter, when doing the biotic analysis they evaluated the phyto and zooplankton and forgot the ichthyoplankton which are the larvae of the fish that the artisanal fishermen live from when they reach stage 1, if these larvae of ichthyoplankton are altered by the dredging will affect it, there will be no fishing in the short or medium term. the dredging will affect it. they have not been evaluated by the existence of this, the vacuum cleaner the macro-windward that exists to generate primary production, they did the phyto and zooplankton forgot the ichthyoplankton macrobenthos to evaluate it in the biotic part in the area, in two areas that are the important in the area where they are going to dredge and, in the areas, where they are to be deposited.

I would like to know among the many questions I have if the community where they donated that sediment that took it out to be able to unoccupy the pools and to be able to deposit there are not so many millions of cubic meters of sediment analyzed the sediment quality that was giving away to that community or to that neighborhood because I am completely sure that sediment is contaminated, there are examples that I can show that it happened here in Babahoyo, it happened in Guayaquil where it affected the communities to which they delivered this sediment for the hydraulic filling.

A comparison was made on the survival of larvae through a trial that a comparison with Guayaquil with what they have done before, that comparisons are useless are not similar at all



None to the other the only one that is worth is the one that will be done at that moment, not that in Guayaquil this happened that the subject this happened this mortality did not, I would like to know many more details on that subject because I have serious doubts about the subject of the bioassay.

At the time when I stated that the shrimp farming sector had not been taken into account, a survey had to be made in the area of direct influence with the shrimp farms that exist in the dredging area, in which state they are in, make a survey to know if they are in production and in what state they are in, because the company that is the promoter of this dredging the 150 thousand dollars that are there will not reach them nor to pay a hectare where there is an affectation of a shrimp farm due to dredging is not for there to be an affectation due to dredging, that value will have to be assumed by the company that generates the promoter of the project not even the consulting company has responsibility in this respect and with 150 thousand dollars is not even enough to pay if a problem is caused and all the shrimp industry or the fishing sector were not even taken into account, no evaluation was made in terms of how much the fishing sector is caught and how much it generates monthly or weekly that activity that could potentially be affected. In the same way, the shrimp industry has not been evaluated in the event of damage being done, it is not evaluated as they are going to compensate or how much it is worth, and that is a responsibility that the consulting company has before the company that is going to be sued at that moment the company and for lack of actually landing the project. I saw the project has no history of having done a dredging study; this is not a game, it has already costed, and one of the inquiries I have is that you mention the canyon that forms this rainbow when you vote on these sediments, that costed more than 4 million when they used the access channel to the port of Guayaquil and generated the seagull syndrome because by raising that sediment and activated anaerobic bacteria that produced what is called the seagull syndrome, those bacteria stick to the plant of the shrimp causing death, because they cannot breathe; the shrimp breathes through the gills when climbing to the surface the gills took them not by a bad dredging when using a dredge that is not the ecological one, it is not the corresponding one for sensitive areas they might have done, they may have used this dredge in Dubai, Holland, or Belgium, but what is here, there is nowhere in the world, it is not seen can not compare an area as sensitive as shrimp farming, a rich area with abundant ichthyological wealth

cannot be compared with any of the other studies mentioned on a world map that showed there is no comparison with that, because neither in Belgium nor Holland have crops nor does Dubai have crops where the dredging is made, then they are special considerations that must be taken into account before drawing up an environmental management plan where more has been taken into account, considering the impact that could cause these two sectors of what I am referring to, and the error comes from the beginning when it is not recognized the land use, that here is a shrimp industry that accounts for almost 50% of the production that is only an appetizer of what we are going to present to the Ministry of the Environment.

## **ANSWER**

### **Environmental Consultant - Claudia Cordero**

Well, by answering some of your questions, I will answer my part and from there I will give the floor to them to continue; All these concerns and observations, even as the representative of the shrimp industry says, can be made to the Ministry of the Environment and also if they are economically and environmentally friendly, they can be welcomed. As for the monitoring zones if they can see in the graph are the red points, 6 points were taken and this is within the access channel, zone of maneuver, and piers because and under what parameters.

In the province of El Oro, there is the Provincial Directorate of the Ministry of the Environment and there is also the Provincial Government that has the powers as Environmental Authority, then to determine these sampling points there was a previous meeting with technicians from the Ministry of the Environment, as well as with technicians from the Provincial Government of El Oro and technicians from the consultant team responsible for the promoting company in which these were determined to be the monitoring or sampling points, It was not that the consultancy took them randomly and wanted to do so, then why these sampling points were determined?, because they are those that could be most affected by that is that this is in front of the Naval Liceo, In front of the El Coco Spa and also at the entrance to Jambeli where the Faro Point is, because there is population and there can exist both plant and fauna species that can be affected; then those sampling points were determined.

Well, in terms of the analyzes that were carried out, the parameters that were analyzed were also coordinated and consulted with the Environmental Authority determining that those were the most representative that should be analyzed for this type of water, in terms of its comment of the Environmental Management Plan as mentioned above was given a summary of it and that also contemplates the Rehabilitation of Areas in case they were affected, it is also pertinent to make clear that the 150 thousand would not reach for a shrimp farm infrastructure, It is not possible to contemplate what is going to have for that but this nevertheless has been considered not only as part of the study of the Environmental Impact, but as part of the development of the company here, as regards the Area of Influence the Environmental Baseline of this project, as soon as it is dedicated if it mentions its different shrimp and fishing activities then if there is a basic study of this subject, in what is so as an uprising of shrimp farming there was no need to include them, even in its observation it can do so, because determining the area of influence of the project does not correspond in all that the shrimp farms themselves are.

**Environmental Consultant - Harry Veintimilla**

On the parameters of water and sediment, that was with a previous meeting with the Ministry of the Environment and equipment of the Prefecture, we do not take any random parameters however in the Environmental Management Plan in monitoring programs which is a measure of monitoring water quality and sediment quality where if they contemplate the organochlorine and organophosphate parameters, i.e., if you start dredging tomorrow then after 15 to 20 days you can perform the first monitoring.

**Gerardo Maridueña took part.**

Here the baseline is not detailed, I doubt that representatives of the Ministry of the Environment are involved, I do not think they go against what they asked for; here are the parameters, even it has errors as serious as talking about sediment disposal in ocean waters when the sediment will deposit it in front of Puná Island, these are not ocean waters.

**Environmental Consultant - Harry Veintimilla**

Well, it is offshore and according to the London Convention, one of the products that can be deposited in the sea are sediments.

4

**QUESTION AND/OR COMMENT**

**President of the El Oro Chamber of Shrimp Producers - Segundo Calderón**

I believe we are here the most indicated people in this case as representative for the experience as a shrimp producer, here some people know each other, but I do not know if with their knowledge they are telling me the truth because as a producer, we do know of this when we clear a tidal access channel to our shrimp farm, when we clean and remove the sediment from our pools we automatically have complications from the run, due to the pollution it surprises me that now as you give that explanation, everything is very good, the shrimp farming sector will not have any complications, the fishing sector will not have any complications, the shell and crab producers that find their means of living here, and one of the main things is the economy. The society in which we are living that we have an experience as producers of many years, I respect the technical knowledge of the study that you have, but also if we join, the technical knowledge with the experience that we have of years this will do much better, so if we let this happen now when a catastrophe such as the one, we already know will pass through the white spot.

Please, here are two economies that are specific; the shrimp and the banana, if the shrimp is finished the economy here in the province is finished, the economy there is no silver, then those things if they are done with the greatest seriousness and I say everything is done, everything is decided well we were called to a talk and it is okay, we have to see the technical dimensions, but we also have to see a sector that supplies the 40% or 50% of national export, a sector that has gone through a process of suffering investment and work, we cannot end an investment by a private company that comes to do, this is business for them and business for us, and we also need to survive after a process that costs a lot of money and here in the study has not made the amounts that one can lose as a producer, what the Dr. said is the insurance

that we will have because you, with this study say everything is going to go well? everything is fine and when you pass some contaminating disaster lost of the quantities of shrimp, shells, and crabs then where those people will live from? Who gives us that security? Then we have to stop; is there any policy, is there some insurance to give to all affected? We do not ask for an insurance policy, but an individual policy for people who are affected in a year and a half that you are going to work, dredging is going to be with running water, there are underground currents that will carry it will not be pollution the next month, we have many months that are going to continue working and we have to be waiting in the expectation is a person lives or dies, and when somebody dies, who is responsible?

#### **ANSWER**

##### **Environmental Consultant - Harry Veintimilla**

Well, let us make it clear that the discharge of the sediments is not going to be with the cannon system, it is going to be with the gate system underneath the dredge. Even in the study this, the other, well we are here to listen to any request, any consultation, nothing is going to be fixed, all your concerns are going to be welcomed, the Ministry of the Environment is here, we did a bioassay monitoring with shrimp where it is determined that the maximum mortality rate of 20 are key points that were determined for sampling at sediment-water inlets thinking about the same thing, I believe that this bioassay carried out by Cesar Valarezo, with a technical group through the Technical University of Machala is a great trial, were done in Jeli did the dredging and nothing happened, was suspended because of lack of budget, Well now the other issue is that of good guarantees that I do not know where that encompasses in the environmental legal part of Ecuador, that guarantees are given to each party. That should be analyzed and more than anything else, the Ministry of the Environment would take part because that if it is a little complicated, good as I told you is a draft Management Plan if it is estimated and if it needs to analyze it, to be calmer, as I said earlier, this is a presentation, and we are here for dialog.

I do not know if there is any partner from the municipality of Machala; there is; I think there are important contributions and some very interesting technical criteria that I am sure will be considered by the consultancy. As for the premise that is fundamental to the dredging of the Santa Rosa estuary and the dredging of the areas of the docks 1 to 5 and now the 6 that is to be built, that is a fundamental work for the system of port development. What happens in Machala and the province is that we always go back and forth, this should have been a Port Development Plan, Tourist Fishing; unfortunately, this is a product that is not part of planning. Characteristic is those last 15 years in my city where we do not even have an Urban Development Plan and that is regrettable, and it also generates these kinds of problems.

I congratulate, and if I am wrong they warn me, I congratulate the demonstration of the high sensitivity of environmental affection to the Caramba shrimp Producer sector, although this was the case many years ago, the negative impacts on our environment and public health would probably not have polluted many years ago and we were not in the conditions we are shrimp producers, banana producers, mining activity, is a permanent affection to the environment and public health and also because we, as a local government, are pouring untreated wastewater into the world more than 250 thousand people dump sewage to estuaries, so if we are going to be dredged, we should be self-critical in our sector, so I fully agree with what was raised at the moment that the budgetary issue needs to be reviewed, I believe that with these values as the one who says, they don't want them to be throwing anything and let them do what they want so I totally agree. The concern that I had precisely the one that the engineer since I am an Architect is the subject that if all these sediments were analyzed the time that is required for them to be decontaminated you can call in quotation marks this filling to be delivered to the communities here spoken many times that it is bad that it is polluting that is bad for public health, I was a member of Puerto Bolívar Port Authority; Here the pools were filled in a while and then began to fill the neighborhoods mainly the western sector of Machala if it is important that within the study they clearly indicate to the Machala community whether it is viable or no to health publishes the topic of filling so that this kind of work can continue. Thank you very much.

<b>ANSWER</b>
<p><b>Environmental Consultant - Harry Veintimilla</b></p> <p>Let us remember that what they are depositing has not been dredged even a cubic meter of the current project; that corresponds to the previous dredging here. Marlon will give us an explanation.</p> <p><b>Empidrey de El Oro - Marlon Lanata</b></p> <p>We are removing the material, which is two million cubic meters, is going to be desalinated, these sediments are non-toxic sediments for the citizenry.</p> <p><b>Intervener - Harry Veintimilla (Environmental Consultant)</b></p> <p>The volume of sediment corresponding to piers 1 to 6 is approximately 593,000 from the area of maneuver to be removed and deposited offshore, and the access channel is also offshore.</p> <p><b>National Director of Aquaculture - Gerardo Maridueña</b></p> <p>Are unoccupying the pools, and they are building one more to deposit two million and so much of the sediments that are going to be extracted.</p>
<b>6</b>
<p><b>QUESTION AND/OR COMMENT</b></p> <p><b>President of the Cooperative Network of Fishing Associations - Fabricio Calero Mina</b></p> <p>While it is true that we, as a small-scale fishing sector, have a great deal of concern when we already feel the impact, in these same lands that we came to see the problems that we denounced at the national level when the seismic was made it started very badly when actors were not taken into account, we were ignored by many and then we felt the catastrophe, we had fires in the Gulf of Guayaquil, we artisanal fishermen with other artisan companions who were in full right, angry as the person said, in a very grotesque manner, that they will not allow the entry and exit of ships... well, let's wait for a minute, they</p>

should adapt to the times when we exit, we are artisanal fishermen, they cannot tell us go here or there, or give us orders, so it is important the dialog from now on, something very important, for me, the estuary is the most polluted in the world, what exists is the Huayla plant where most of the wastewater discharges from Machala arrive in the quality that was and the quality that is, depending on which is saturated in pollution, another thing we know and good from the point of view we know the things that are going to be given later, but doing things well I wonder, we have a lot of sediments there at the bottom, you know Mr. Cesar to which I mean, it goes to the bottom of the Yacht Club where the soft boats go to the beach, because they have made great mountains of sand, perhaps there is no gap and there is already hollow, it will not be that the currents this would drag the sediments out here and not only is the impact that will be left to less arrest will not be that the docks that have a bad infrastructure will come down not in two days but if you later you know, everything is sequential, now you say that you are going to deposit sediments in a responsible manner according to the technicians and everything sustained from dredging, in the aguajes it is when we catch all the fish that you know to serve, I do not know if you like that then, Another good thing was what the colleague representing the National Chamber of Shrimp Producers said before that we were not invited, but also it was not said that we should not come and here we are concerned by many colleagues to know what is going to happen, for that we have to be the leaders rather than fighters, even if something hard is heard, but to give you a solution to things we do not want, I come back and repeat that we should go through the seismic situation again, then we start there badly, if they did some studies, Some environmental licenses were signed at the time Marcela Aguinaga was Environment Minister and she knew she did things wrong, many things wrong and we have to stand up, some even ignored us, but we didn't stay that way. I explain the legal question because the Constitution of Ecuador is seen that we also have our right and know how to rise in a healthy rebellion as our areas of work are affected, our place where we live and rather I join in what our colleagues have said we have to sit down to dialog so that a better job will come out for you and thus a good result for the province and the country, because we are with the aspiration, of



that not only is banana shipped in port, let us not forget the free trade agreement with the European Union, we dream but with feet on the earth, and we command our products, export the shell, the shrimp filleted be exported but slowly, all of us in a dialog to work well and to go through the same north, all of us caught by the hand, we do not want conflict, we want to avoid future conflicts, please and we want to be part of a committee that is sure to ask, the comrades in the shrimp sector, we too want to be part of those committees to build a better study or a better draft that you have drawn up very much thanks.

#### **ANSWER**

##### **Environmental Consultant - Harry Veintimilla**

Many thanks. For starting, the traffic restriction we were not talking about artisanal fishing, we were talking about the heavy loads that are ships, but you can go and come as many times as you are, no one will restrict you that, so that is very important better than it was pointed out and better than it was clarified. The second point, the invitation to you is here, in fact, we invite through the Ministry of the Environment calls with the social actors invited the biggest fishing players who have here not and were invited to them, here no one is to fight, to take the criteria and so that, at the end of the day and the end of the road, a definitive study is presented where both parties are therefore basically in agreement.

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#### **QUESTION AND/OR COMMENT**

##### **Jorge Chavez**

You will see, in the first place, we do not want to be opposed to the development of our country, we want to be included not excluded, look at the of the fishing sector, shell collectors, crab producers from all our shrimp sector; we do not want to be excluded in a project that is threatening productivity without taking us into account; look at what happened in Santa Rosa, what happened in Santa Rosa and Jeli told us that the project was perfect that the water was already crystal clear, and see

that now they say that the Santa Rosa estuary is contaminated, now if they say that the Santa Rosa estuary is contaminated but before that they never said that and if they live some shrimp larvae are only 5 days, but no one is talking about the affectation that floats in our pools now that if there is mortality in our pools, no one says anything of that truth, and another thing; the dredging in Puerto Jeli was a total failure, a loss of time only unnegotiable that only a few more benefited not the population but not the shrimp sector in the same way here; We are taking into account only the benefit of a company, but we do not take into account what our province generates that we live what it generates about the country, You cannot play with the national economy, we really must enter into a frank dialog saying whether there are pollutants or there are no pollutants, the soil has this type of pollutants and we cannot proceed or we cannot do with this dredge we have to acquire another one but do it in a responsible way, thank you very much.

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#### QUESTION AND/OR COMMENT

##### **Mónica Mora**

Well, in reality, all those who preceded us are people, they are representatives of the five shrimp guilds of El Oro of the National Chamber of Aquaculture that also has a chapter in El Oro, we made bridge of invitation.

I think it is the lack of knowledge, I do not understand that you as a consultant Mr. Veintimilla say that the MAE gives you the listing; I reviewed the listing and it is true, Javier, you are not stating only the AGOPAO, here there are two networks and if we leave one way or another it is the lack of a real information structure of the one who represents and that so many associations are formalized is true. I reviewed and the people of La Francored are not registered and at our level and as shrimp producers there is not only one representative either. The other 5 guilds are missing then is the lack of knowledge of the media reality because they are not the guilds of today are for 10 years good and some of us are going to be 25 years old.

I am a shrimp producer then if I start with the fear of what to do, which route to take as I cant o out from the Yacht Club, I leave also by the Huayla estuary and we have that route that follows us what worries me as a shrimp producer is that both of you measured the beam downwards because as we did with Jeli, they said we will dredge 4 meters, two meters and the study only on there, which was not presented to us. We submitted a claim and therefore put it at that time of existence, from the MAE where they walk, we are not interested in minimizing the Provincial Directorates but they must delegate to us someone from another administrative level where decisions are made, where they are checked that they are not copy and paste, where it can meet with the Under Secretary of Aquaculture, it was never notified of being part of the same state because if the MAE authorizes an Environmental License Under Secretary of Aquaculture which has never had direct administrative knowledge of what they are going to do, which at a given moment would affect, with regard to the fact that I have already advanced the gossip if we as a shrimp industry and I as a shrimp farm that live and work inside a shrimp farm that we do not manage it remotely and I have 5 thousand hectares if we ask that the technical commission be created because you have to create because if you ask me; to me do not present these photographs to me we have the right to preserve our work and we really need a person from our sector to leave a delegate of the shrimp technicians of El Oro and a technical delegate of the National Chamber of Aquaculture that is National to over monitor the new essays that you, listened to the lady if you are the 6 points please, when one heals a wound, on 400 hectares 6 points is nothing, you see the sea with a photograph we live by the sea, we know that 6 points are nothing, the fishermen know that there is less fishing and there is nothing from here a few years.

My final request, where the press, is here does not see a single delegate of the Provincial or National press who contemplate that those who are here are a group where the Provincial Diffusion is really the National Dissemination as Leonardo said of the biggest dredging that is you are going to do here in the country then I think that if there is a co-responsibility at the given moment, you invite an informative talk that gave me a lot of anger because you call me by giving me the same coverage as Yilport as a project as Provincial Council to give you the coverage so that the entire province learns what is going to happen that

it gives me the impression, and with this I end, it gives me the impression that we made very little noise so that they don't make us much noise either, and that to me as a producer, as a mother of a family, and as a person who has been working on this for 29 years, it affects me and I complain as a person who I am with the right to work of mine and my husband. And I almost cry.

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**QUESTION AND/OR COMMENT**

**General Coordinator of the Secretary of Environmental Management - Darwin Gonzales**

Well, those before me, as Mrs. Monica said, they have already given some observations of what the Environmental Impact Study is if I would like to have it also do a more detailed review of what the study is, but what if I would like to make a point in what has to do with the Study of the DL50 that made the Ing. I will go to my seems that it is a very good study of truth that for me that as a technician, Before Environmental Quality Technician of the Ministry of the Environment and now Coordinator of the Secretary of Environmental Management.

For me it really fills me with pride to know that this kind of studies with that capacity are being done here in the Province of El Oro and rather should I make the recommendation that such studies should also continue to do them, if they are going to intervene in dredging, they will continue to be done on a monthly basis because, if they continue to be done on a monthly basis, more coverage will be made at the time of dredging, but also by points, I think they have taken into account, well I was also in the part of the setting of the monitoring points was taken points, by the exits and inlets of water, the outlets and the water inlets one of the most important was and the one I made the recommendation was the outlet of Macho because, the outlet of Macho, as you know, the city of Machala has two great waste water routes of the city of Machala the one is Macho estuary and the other is to the south the Huayla estuary which is where all the waters of the city of Machala are dumped. So, one of the most important that could contribute to the pollution of the Santa Rosa estuary is the Macho outlet, I think it was point 4 that was at the Macho outlet, well that would also serve for the shrimp producers who are in the area, they realize that in the part that if the male is coming out if it is going to affect them to

the level in shrimp culture, then I would believe that the study DL50 will continue to ask only one question for Mr. Valarezo seems to me not to listen or pay attention to it but when he testified in the shrimp study it was with the same water from the estuary of each of the points or it was another kind of water just that, many thanks.

#### **ANSWER**

##### **UTM Investigator – Mr. Valarezo (Consultant Team Member)**

Thank you very much for the considerations. Well, it is 17 years that I have been a researcher at the Technical University of Machala helping to give a lot of contribution, in this case to the community really this testimony was done just with laboratory waters, but it becomes the water of the system because it is anchored directly with the sediment to start of mixing. In this case, automatically the water turns dark not but it is worth when for example in Jeli we use sampling points with different salinity, I do not know if you remember the colleagues we were there was 0, 02 there was an area of 15 and at the end of the petrol station there was an area of 26 salinity, I believe then logically in this case, we cannot alter the salinity health of these individuals because it would be a variable we are stumping may be cause for this animal to suffer from stress. In this case, shrimp is why this laboratory water is used, in this case when mixing the sediments, I come back and repeat it mixes with all the sediments and it becomes practically a medium like this one.

10

#### **QUESTION AND/OR COMMENT**

##### **El Oro Association of Artisanal Fishermen - Alcides Solórzano**

A question that I have when they said the agenda that it was said that finishing the meeting was signed a record then, in so many comments which have been made here, the minutes should not be signed here until committees are set up and we all know well that there are no effects on the fishing industry or the shrimp farming industry, that is my request.

At this point, other people intervened without a microphone and leaving of context talking about the dredging of Puerto Jeli.

<b>ANSWER</b>
<b>Environmental Consultant – Mr. Veintimilla.</b> Well, I think we are talking about another environmental impact study.
<b>11</b>
<b>QUESTION AND/OR COMMENT</b>
<b>President of the Craftswomen Association - Rocío Reinoso</b> We are an organization that we are a front of women who are protectors of mangroves. The subject of mangrove has not been touched on, I have not seen that you have done a study about mangroves, or I went out because I did not listen but if I would like to know if there is a study, there is a laying of the classes of mangroves because currently shrimp is produced shell raw material are mangroves here, we have a group of women who protect and we also deserve respect many thanks.
<b>ANSWER</b>
<b>Environmental Consultant - Harry Veintimilla</b> A forest inventory was made.
<b>Environmental Consultant - Rommel Molina</b> Good afternoon, there is a forest inventory and analysis of the species that accompany you may soon go to the website to review because if there are any requests that you have will be accepted.
<b>12</b>
<b>QUESTION AND/OR COMMENT</b>
<b>Carlos Gallardo - Consultant and Facilitator of the Ministry of the Environment</b> Item 1, in my opinion as a facilitator the process started badly, with that inconvenience they had of the call was to suspend this informative talk that they are calling you. Unfortunately, we are not accepting that we were wrong if I had been delegated this responsibility immediately, I was drawn to the attention of the Ministry of the Environment had been suspended and it was done with a new date would have been the right thing

As a consultant, I carried out the Environmental Impact Study in 2011 for the dredging of zones annexed to the docks and the dredging of the access channel we are here technicians perhaps a little bit fatter but we are the same that socialization remains there that requested the Ministry of the Environment that is repeated said process as far as possible with two facilitators and I see now that they do it in a way as simple as they have made it called this informative talk. We must know the magnitude of the projects, not that we say that it is already in the network is already estimated so it is not a project at the provincial level and in terms of monitoring, When I review the study we talked about 6 samples if I was forced to make 21 of the 6 of short left for Macho estuary it seems that the history is not checked there are previous studies the INOCAR reviewed it 2002 - 2007 then based on the studies reviewed for the background and on that basis I do my part, ladies and gentlemen, thank you very much.

#### ANSWER

##### **Environmental Consultant - Claudia Cordero**

Responding to the Architect, while it is true from 2011 to hear Environmental Law has emerged, some changes were made in 2015 with the Ministerial Agreement 061 which details everything about Environmental Regularization, so what was done in 2011 is very different from what is done now.

You are talking as an environmental consultant and legal facilitator that it cannot be because a consultant cannot be a facilitator.

Apart from the water sampling as mentioned above, a meeting was held by a technical team of the Ministry of the Environment, such as the provincial government technical team and the consulting team determined that it was carried out, in addition to the baseline sampling. This is why dredging is not being carried out if they want to have a sampling with higher points then it can be added to the Management Plan when dredging is carried out. Not at this time that we are evaluating the water under normal conditions without project intervention.

13

#### QUESTION AND/OR COMMENT

(Person did not give her name)

Very good afternoon colleagues, we are dedicated to the collection of shells and we want to know if the management plan reports, I think a little more respect is needed as we are actors, here we are playing with the welfare of families not only of organizations, at the moment we talk about sell collectors we are talking about a family at the moment we speak of a representative of an organization at the provincial level we are talking about people then I think we deserve respect for my colleagues consult more than all is to know, because they say here the meeting ends but I leave with a bitter taste not know in which resolution they left only we were quoted to sign the minutes and give for settled that we have socialized the subject, there must be a pre-meeting to make a draft on a social basis taking into account the social actors that is my basic question that resolution we have in this meeting I do not make a clarification either I was not invited but I was not told not to come but, when I learned what was happening I came to represent my sector.

#### **ANSWER**

##### **Environmental Consultant - Claudia Cordero**

Well, answering the question of the lady, this is an information meeting is not that we reach an agreement or a disagreement, we are simply reporting.

Thank you

This question ended the Dialog Forum and continued with the next item.

#### **6. Signature of the minutes of the Information Meeting**

The Certificate of completion of the Information Meeting was issued with the signature of:

- Claudia Bustamante - Representative of the Ministry of the Environment
- Santiago Aguilar - Representative of the Promoting Company
- Harry Veintimilla - Representative of the Environmental Consultant
- Jessica Franco - Community Representative



## **7. Hearing closing**

After all the topics set out on the agenda of the Informative Meeting, the presence is appreciated, and the meeting is closed.

**(Annex 7)**

## **6.- COMMENTS RECEIVED BY E-MAIL**

Following the time established for the reception of observations on the Ministry of the Environment's website from June 5 to June 12, it is recorded that a single comment was obtained, which is attached.

**(Annex 8)**

## COMMENTS

## SUMMARY MATRIX

COMMENTS IN INFORMATIONAL MEETING		
COMMENT/REMARK	ANSWER	MEASURES TO BE APPLIED
Analysis has been carried out on sediments placed in pools to see if they affect people	A check of the sediment to be placed will be carried out. For the disposition process, a period is expected in which the sediments go to the bottom. So far there was no involvement.	<ul style="list-style-type: none"> <li>• A check of the sediment to be placed will be carried out.</li> <li>• An analysis of the sediments to be placed in the swimming pools near the naval area will be carried out.</li> </ul>
Request failed due to date confusion. The magnitude of the project cannot be considered an Informational Talk because it is a high sensitivity project. It has not been considered a facilitator. Concern about three projects in one, because Pier 6 has not yet been built. The Environmental Management Plan is too little, it has to be reviewed and set real values.	<p>The call was corrected and was an involuntary error, and personalized invitations were delivered with the correct date.</p> <p>The SUIA system catalogs the projects and provides for the regularization process of each project as the case may be, and in this case, the presence of a facilitator was not required.</p> <p>We have received several mechanisms for social participation with the project, not just one, and incoordination.</p> <p>All activities were coordinated with the Ministry of the Environment Publication of written press, radio publication</p>	<ul style="list-style-type: none"> <li>• The concerns and observations regarding the error on the dates were corrected immediately, and the necessary corrective actions were taken.</li> <li>• Perform Environmental Regulation for the construction of Pier #6.</li> </ul>

COMMENTS IN INFORMATION INFORMATIONAL MEETING		
COMMENT/REMARK	ANSWER	MEASURES TO BE APPLIED
Analysis has been carried out on sediments placed in swimming pools to see if they affect people	<ul style="list-style-type: none"> <li>– Publication of study on the web page.</li> <li>– Call in strategic places.</li> <li>– Delivery of personal invitations.</li> </ul> <p>WFP was summarized in this statement.</p> <p>Regarding the inclusion of several projects in one, this study is for dredging only. The construction of spring #6 and even Port Authority's operation will be other studies that will have its own Environmental License.</p>	<ul style="list-style-type: none"> <li>• A check of the sediment to be placed will be carried out.</li> <li>• An analysis of the sediments to be placed in the swimming pools near the naval area will be carried out.</li> </ul>
<p>No pesticide analysis has been performed on the samples taken.</p> <p>Macrobenthos and ichthyoplankton have not been evaluated.</p> <p>Whether analyzes of sediment donated to the community have been carried out.</p>	The monitored points have been described, as well as the parameters were determined in a meeting with the Environmental Authority (MAE), Provincial Government of El Oro, and Advisory Team.	<ul style="list-style-type: none"> <li>• Parameters will be increased by including pesticides for the next sampling within the Monitoring Program established in the Environmental Management Plan.</li> <li>• A macro events analysis will be carried out in the area to deposit dredging material offshore, to verify that there is no involvement.</li> </ul>
Not all shrimp industries have been invited.	The uprising of social actors was carried out in conjunction with the Ministry of the Environment and was convened	<ul style="list-style-type: none"> <li>• The Provincial Directorate of the Ministry of the Environment has arranged for the review of the study by</li> </ul>

COMMENTS IN INFORMATION INFORMTIONAL MEETING		
COMMENT/REMARK	ANSWER	MEASURES TO BE APPLIED
Delegate to someone from the Assistant Secretary of Aquaculture for Study Review	to those who have interference in the project.	Part of the Undersecretary of Aquaculture
A study has been carried out on the mangrove because it is the affected area in which conch and shrimp are produced.	The study details the area of Mangrove and Flora and Fauna Study of the project's area of influence.	<ul style="list-style-type: none"> <li>The Environmental Impact Study includes a Forest Inventory and a Biotic Environment survey that includes the mangrove area.</li> </ul>

OBSERVATIONS ON WEBPAGE		
COMMENT/REMARK	ANSWER	MEASURES TO BE APPLIED
<p>Incongruity on the date of Information Talk.</p> <p>In the Pag. 23 of the Study Chapter V OF SOCIAL PARTICIPATION AND ITS ART. 14. What the PPS determines is not being complied with.</p> <p>In the Pag. 84 Ministerial Agreement 103. Item 2 The PPS will be obligatory ... the same one that can be developed with or without hiring a facilitator, for my knowledge this type of project is of great environmental impact.</p> <p>The Institutional Framework has not taken into account the Municipal GADs.</p> <p>It seems to me that it has been considered in the baseline an extremely small number of samples to perform the monitoring.</p> <p>The PPS had to have been carried out, as determined in the Ministerial Agreement 103, this is an ecosystem-sensitive project and it had to have been hired as a facilitator to carry out this process, but not the way it has been done with a simple talk.</p>	<p>The Social Participation Process was developed as indicated by the regulations, considering the following:</p> <ul style="list-style-type: none"> <li>– Executive Decree 1040</li> <li>– Ministerial Agreement 061</li> <li>– Ministerial Agreement 103</li> </ul> <p>In coordination with the Ministry of the Environment, the various activities and mechanisms of social participation were planned, which were:</p> <ul style="list-style-type: none"> <li>– Publication on web pages of the Ministry of the Environment, the promoter, and the consulting company</li> <li>– Publication in the written press</li> <li>– Radio Publishing</li> <li>– Delivery of invitations</li> <li>– personal</li> <li>– Placement of Call Posters in Strategic Areas</li> </ul> <p>Both the categorization catalog of the project of the SUIA and The Environmental Authority determined that presence was not required</p>	<ul style="list-style-type: none"> <li>• As for the error in the dates, actions were taken immediate corrective actions.</li> <li>• The Social Participation Process was carried out in compliance with the legislation in force.</li> </ul>

OBSERVATIONS ON WEBPAGE		
COMMENT/REMARK	ANSWER	MEASURES TO BE APPLIED
	<p>Facilitator, so the services of the same were not contracted, fulfilling as the comment indicates in Ministerial Agreement 103 that the process of Social Participation can be developed with or without facilitator.</p> <p>As for the sampling carried out, this was planned and determined both the number of samples and the parameters by the Directorate of the Environment Facility of El Oro.</p>	

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## 7.- CONCLUSIONS AND RECOMMENDATIONS

Once the Information Meeting is concluded, participants are informed that until Monday, June 12, 2017, suggestions and comments will be received on the website or offices of the Provincial Directorate of the Ministry of the Environment.

The social Participation Process was carried out jointly with the Provincial Directorate of the Ministry of the Environment of El Oro, represented by Paola Pelay, the Project Promoter, which is the company YILPORTECU S.A. represented by Ing. Santiago Aguilar and the company Consultora Ecosfera Cía. Ltda. Represented by Ing. Harry Veintimilla and sociologist Katty Pérez.

All the activities carried out in the Social Participation Process were implemented as established by the Environmental Regulations and the corresponding Ministerial Agreements.

It is recommended that the Project Promotor comply fully with the Environmental Management Plan to avoid environmental impacts and complying with the information described in the matrix of observations detailed in the previous point.



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## ANNEXES

- ❖ **ANNEX 1:** Certificate of Coordination of the Social Participation Process.
  
- ❖ **ANNEX 2:** Record of Publication of Environmental Impact Assessment and Management Plan on web pages of the Ministry of the Environment, Promoting Company, and Consulting Company.
  
- ❖ **ANNEX 3:** Invoice for the Publication of the Call for Proposals on Radio Gaviota.
  
- ❖ **ANNEX 4:** Invoice for the Publication of the Call in Diario El Correo and cuts of publications on June 3, 4, and 6, 2017.
  
- ❖ **ANNEX 5:** Photographs of the placement of posters with call in 5 points of the parish of Puerto Bolivar.
  
- ❖ **ANNEX 6:** Registration of the delivery of personal invitations to the main stakeholders.
  
- ❖ **ANNEX 7:** Registration of attendees of the Information Meeting, minutes of the Information Meeting, photographs of the Information Meeting, publication in the written press of the holding of the Information Meeting.
  
- ❖ **ANNEX 8:** Record of comments received by email and web page.

**SOCIAL INVOLVEMENT PROCESS**  
**ENVIRONMENTAL IMPACT ASSESSMENT**  
**DREDGING OF PIERS 1, 2, 3, 4, 5 AND 6,**  
**MANEUVER ZONE AND ACCESS CHANNEL OF PUERTO BOLIVAR**

(Logo of YILPORT PUERTO BOLIVAR)

(Logo of ECOSFERA  
CONSULTORA AMBIENTAL)

**Minutes of**  
**Social Involvement**  
**Coordination**  
**Process**

**(Logo of Ministerio del Ambiente)**  
**MINISTRY OF ENVIRONMENT**  
**REGIONAL ENVIRONMENT DIVISION OF EL ORO**  
**ENVIRONMENTAL QUALITY UNIT**

**MINUTE OF COORDINATION OF SOCIAL INVOLVEMENT PROCESS**

**1. BACKGROUND INFORMATION**

The coordination of the social involvement process is carried out in compliance with the following environmental legal framework:

- 1.1. Constitution of the Republic of Ecuador:
- 1.2. Environmental Management Law
- 1.3. Executive Decree 1040
- 1.4 Ministerial Agreement 061 Amendment to Book VI of the Consolidated Text of Secondary Legislation of the Ministry of the Environment
- 1.5. Ministerial Agreement 103

**2. GENERAL DATA**

COORDINATION DATE	24-05-2017
COORDINATION SITE	REGIONAL ENVIRONMENT DIVISION OF EL ORO
SUIA CODE OF THE PROJECT	MAE-RA-2017-297974
PROJECT NAME	DREDGING OF PIERS 1, 2, 3, 4, 5 AND 6, MANEUVER ZONE AND ACCESS CHANNEL OF PUERTO BOLIVAR.
PROJECT LEGAL REPRESENTATIVE	YILPORT TERMINAL OPERATIONS (YILPORTECU) S.A.
PROJECT REGISTRATION DATE	19/04/2017
ENVIRONMENTAL FACILITATOR DESIGNATED?	NO
ENVIRONMENTAL CONSULTANT	ECOSFERA
RESPONSIBLE FOR THE SOCIAL INVOLVEMENT PROCESS	SOC. KATTY PEREZ
PROJECT LOCATION	PROVINCE: EL ORO DISTRICT: MACHALA-SANTA ROSA PARRISH: PUERTO BOLIVAR - JAMBELI
SOCIAL PARTICIPANT NO.	28

(Logo of Ministerio del Ambiente)

## MINISTRY OF ENVIRONMENT

### 3. MECHANISMS TO BE APPLIED

MECHANISM	WEBSITE	APPLICATION DATE
PUBLICATION IN THE MAE WEBSITE	<a href="https://maeeloro.wordpress.com">https://maeeloro.wordpress.com</a>	JUNE 5 TO 12
PUBLICATION IN WEBSITE (BIDDER)	<a href="http://www.yilport.com">www.yilport.com</a>	JUNE 5 TO 12
PUBLICATION IN WEBSITE (ENVIRONMENTAL CONSULTING COMPANY)	<a href="http://www.ecosferaconsultora.com">www.ecosferaconsultora.com</a>	JUNE 5 TO 12

Additionally, the following mechanism of social involvement process shall be implemented:

MECHANISM	SITE	APPLICATION TIME AND DATE	VERIFICATION MEANS
INFORMATIVE MEETING	AUDITORIUM OF PUERTO BOLIVAR PORT AUTHORITY	JUNE 7, 2017 AT 11:00 AM	<ul style="list-style-type: none"><li>- MEETING MINUTE.</li><li>- ATTENDANCE REGISTER.</li><li>- PHOTOGRAPHIC REGISTER.</li></ul>

### 4. SOCIALIZATION INFORMATION MEANS

MEAN	ACTIVITY	APPLICATION DATE	VERIFICATION MEANS
PUBLICATION IN PRINTED PRESS	PUBLICATION IN THE NEWSPAPER EL CORREO	JUNE 3 AND 4, 2017	<ul style="list-style-type: none"><li>- INVOICE FOR PRESS PUBLICATION.</li><li>- NEWSPAPER PUBLICATION.</li></ul>
PUBLICATION IN ORAL PRESS	PUBLICATION IN RADIO GAVIOTA	MAY 31, JUNE 1 AND 2, 2017.	<ul style="list-style-type: none"><li>- INVOICE FOR PRESS PUBLICATION.</li></ul>
INFORMATIVE BOARDS	INSTALLATION OF BOARDS IN STRATEGIC POINTS: <ul style="list-style-type: none"><li>- CAPTAINCY OF PUERTO BOLIVAR.</li><li>- PARISH HOUSE OF PUERTO BOLIVAR.</li><li>- HEALTH CENTER OF PUERTO BOLIVAR.</li><li>- CABOTAGE PIER.</li><li>- PORT AUTHORITY.</li></ul>	JUNE 2, 2017	<ul style="list-style-type: none"><li>- PHOTOGRAPHIC REGISTER.</li></ul>

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**MINISTRY OF ENVIRONMENT**

WRITTEN COMMUNICATION FOR SOCIAL PARTICIPANTS	DELIVERY OF COMMUNICATION TO IDENTIFIED SOCIAL PARTICIPANTS	JUNE 2 TO 4, 2017	- COMMUNICATION DELIVERY REGISTER
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It is important to state that the application of the mechanisms proposed to carry out the social participation process is the proponent's responsibility.

**5. OTHER**

REQUEST FOR PUBLICATION IN MAE WEBSITE.	MAY 25, 2017
PROCEDURE CLOSURE	JUNE 12, 2017
PUBLICATION OF SOCIAL INVOLVEMENT PROCESS SISTEMATIZATION IN SUIA	JUNE 13 TO 15, 2017

**6. SIGNATURES OF COORDINATION RESPONSIBILITY**

NAME AND SURNAME	BODY	SIGNATURE
ENG. SANTIAGO AGUILAR	PROJECT DIRECTOR YILPORT ECU S.A.	(signature of Santiago Aguilar)
ENV. LIC. PAOLA PELAY MOLINA	REGIONAL ENVIRONMENTAL DIRECTION OF EL ORO SOCIAL TECHNICIAN	(signature of Paola Pelay Molina)
SOC. KATTY PEREZ	ECOSFERA CONSULTORA AMBIENTAL	(signature of Katty Perez)

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FOCALIZATION OF SOCIAL PARTICIPANTS OF PUERTO BOLIVAR PARRISH OF MACHALA DISTRICT – PROVINCE DEL ORO, FOR THE SOCIALIZATION OF THE DREDGING PROJECT FOR PIERS 1, 2, 3, 4, 5 AND 6; MANEUVER ZONE AND ACCESS CHANNEL OF SANTA ROSA MARSH – SUIA CODE: MAE-RA-2017-297974

NAMES AND SURNAMES	POSITION	LOCATION
CPFG-EM HERNÁN PEÑA HERRERA SEGURA	NATIONAL DIRECTOR OF AQUATIC SPACES OF DEL ORO WITHIN THE CAPTAINCY OF PUERTO BOLIVAR	PUERTO BOLIVAR
COLONEL XAVIER ASTUDILLO	FIRST CHIEF OF THE MACHALA FIRE DEPARTMENT	PUERTO BOLIVAR
ENG. CARLOS FALQUEZ	MAYOR OF MACHALA	MACHALA
ECON. ESTEBAN QUIROLA	PREFECT OF DEL ORO	MACHALA
LIC. ROCIO BARRIGA NOBLECILLA	GOVERNOR OF DEL ORO PROVINCE	MACHALA
SECOND LIEUTENANT VICTOR SAMANIEGO	UPC HEAD OF PUERTO BOLIVAR CIRCUIT	PUERTO BOLIVAR
CAP. SEGUNDO CALDERON ESTEVES	PRESIDENT OF THE CHAMBER OF SHRIMP PRODUCERS OF EL ORO	MACHALA
ENG. ERNESTO CASTRO	REGIONAL AGRICULTURAL DIRECTOR OF DEL ORO	MACHALA
BIO. GUSTAVO ASTUDILLO	INSPECTOR OF THE UNDER SECRETARY OF AQUACULTURE OF EL ORO	MACHALA
DR. VICENTE GUZMAN BARBOTO	GENERAL MANAGER OF PORT AUTHORITY	PUERTO BOLIVAR
MR. GORKY MOSCOSO	PRESIDENT OF THE BOARD OF PUERTO BOLIVAR PARISH BOARD	PUERTO BOLIVAR
LAW. HECTOR ZAMBRANO	PUERTO BOLIVAR MUNICIPAL COMMISSIONER	PUERTO BOLIVAR
COL. GALO ERAZO COELLAR	CHIEF OF THE JUDICIAL POLICE OF THE MACHALA DISTRICT - EL ORO SUBZONE	PUERTO BOLIVAR
DE. JOSE JURADO FLORES	RECTOR OF SIMON BOLIVAR HIGH SCHOOL	PUERTO BOLIVAR
ENG. JEFERSON SAAVEDRA RIOS	RECTOR OF THE EDUCATIONAL UNIT VICTOR NARANJO FIALLOS	PUERTO BOLIVAR
ENG. FABRICIO JARA	DIRECTOR OF SENAGUA	MACHALA
ENG. JOSE TRUJILLO	DIRECTOR OF MAE	MACHALA
MS. ROCIO REINOSO	PRESIDENT OF THE FIRST ECOLOGICAL CENTER OF PUERTO BOLIVAR	PUERTO BOLIVAR
MR. JOSE PALAS	PRESIDENT OF SIMON BOLIVAR NEIGHBORHOOD	PUERTO BOLIVAR
LIC. FABIOLA BRIONES	IEPS COORDINATOR	MACHALA
MS. BLANCA ALDAZ	LEADER OF LA UNION NEIGHBORHOOD	PUERTO BOLIVAR
LAW. MARIANA BENITEZ	PRESIDENT OF UOPPAO	PUERTO BOLIVAR
MG. MERCEDES ORELLANA	DIRECTOR OF SDARA SERRANO DE MARIDUEÑA SCHOOL	PUERTO BOLIVAR

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LIC. MARYURI CRUZ	PRESIDENT OF LA UNION NEIGHBORHOOD	PUERTO BOLIVAR
MS. NUVIA CHAVEZ	PRESIDENT OF HARRY ALVAREZ NEIGHBORHOOD	PUERTO BOLIVAR
MR. ROBERTH DIAZ YAGUANA	PRESIDENT OF PACIFICO NEIGHBORHOOD	PUERTO BOLIVAR
MR. OSCAR CORREA	SPOKESPERSON OF PACIFICO NEIGHBORHOOD	PUERTO BOLIVAR
MS. MIRIAM SOLORZANO	PRESIDENT OF VIRGEN DEL CISNE NEIGHBORHOOD	PUERTO BOLIVAR

(signature of Katty Perez)

SOC. KATTY PEREZ

CONSULTORA ECOSFERA

## SOCIAL INVOLVEMENT PROCESS

ENVIRONMENTAL IMPACT ASSESSMENT  
DREDGING OF PIERS 1, 2, 3, 4, 5 AND 6,  
MANEUVER ZONE AND ACCESS CHANNEL OF PUERTO BOLIVAR

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# Publication on Website



June 2, 2017

**ENVIRONMENTAL IMPACT ASSESSMENT AND  
ENVIRONMENTAL MANAGEMENT PLAN – DREDGING OF  
PIERS 1, 2, 3, 4, 5 AND 6, MANEUVER ZONE AND ACCESS  
CHANNEL.**

Environmental impact assessment and environmental management plan –  
dredging of piers 1, 2, 3, 4, 5 and 6, maneuver zone and access channel.

**Environmental impact assessment and environmental management  
plan**

Dredging of piers 1, 2, 3, 4, 5 and 6, maneuver zone and access channel.

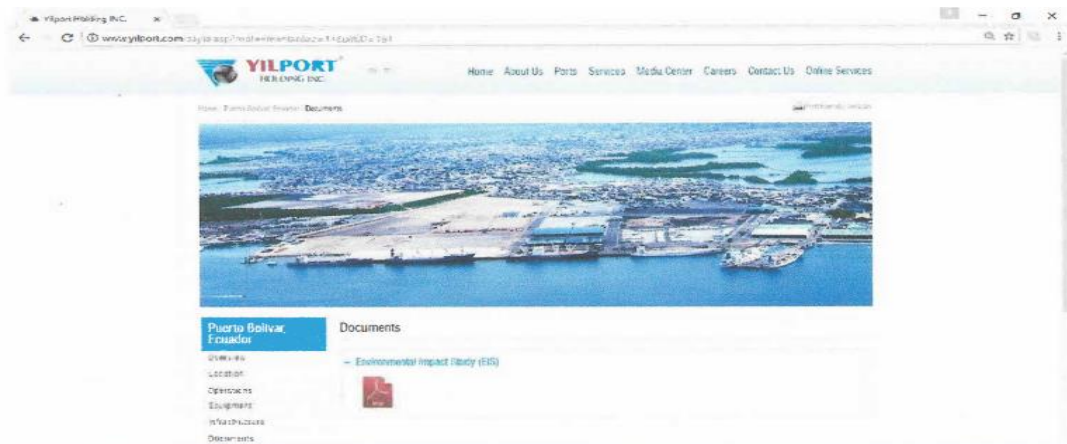
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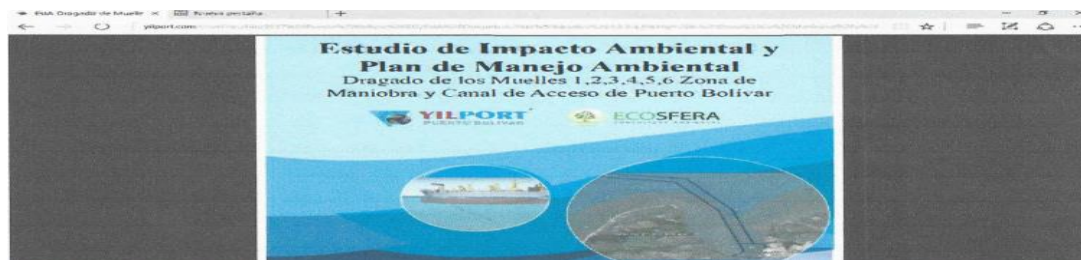


#### **Environmental impact assessment and environmental management plan**

Dredging of piers 1, 2, 3, 4, 5 and 6, maneuver zone and access channel.

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## Publication on Website

## Consultant Company

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## SOCIAL INVOLVEMENT PROCESS

ENVIRONMENTAL IMPACT ASSESSMENT  
DREDGING OF PIERS 1, 2, 3, 4, 5 AND 6,  
MANEUVER ZONE AND ACCESS CHANNEL OF PUERTO BOLIVAR

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# Publication in Oral Press



# Publication in Printed Press

(Logo of Correo El Diario de Todos)

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ADDRESS: BOLIVAR S/N Y COLON CORONEL BUILDING  
2ND FLOOR

WAYBILL

CODE	AMOUNT	DESCRIPTION	UNIT PRICE	PRICE TOTAL
SERVICE	1.000000	CREDIT ADVERTISEMENT	217.92	0.00 217.92

#### OBSERVATIONS:

Publication: YILPORT.- ANNOUNCEMENT  
Publication date: 3-4 JUNE, 2017  
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YILPORT.- ANNOUNCEMENT

SUBTOTAL 12%	217.92
SUBTOTAL 0%	0.00
SUBTOTAL WITHOUT VAT	0.00
SUBTOTAL WITHOUT TAXES	217.92
DISCOUNT	0.00
ICE	0.00
VAT 12%	26.15
TIP	0.00
TOTAL VALUE	244.07

Payment Method	Value	Term	Time
OTHER WITH USE OF FINANCIAL SYSTEM	244.07	15	Days

Publication in Printed Press

EL CORREO NEWSPAPER

**TUESDAY 6 of** (Logo of Correo El Diario de Todos)

June, 2017

YearXXXIV

Machala – Ecuador

[www.diariocorreo.com.ec](http://www.diariocorreo.com.ec)

Machala, Ecuador – Tuesday **6 of June**, 2017

(Logo of Ministerio del Ambiente) (logo of YILPORT PUERTO BOLIVAR) (Logo of ECOSFERA Consultora Ambiental)

**ANNOUNCEMENT**

The Ministry of the Environment, as the National Environmental Authority, and the company YILPORT TERMINAL OPERATIONS (YILPORTECU) S.A., proponent of the project, in compliance with the Regulations for the Application of the Mechanisms of Social Involvement in the Environmental Management Law, Executive Decree 1040, and Ministerial Agreement 103, invite the general public, and especially the authorities of the Machala District and residents surrounding the parish of Puerto Bolivar to participate in the:

**SOCIAL INVOLVEMENT PROCESS FOR THE DRAFT OF THE "ENVIRONMENTAL IMPACT ASSESSMENT AND ENVIRONMENTAL MANAGEMENT FOR THE DREDGING OF PIERS 1, 2, 3, 4, 5 AND 6, MANEUVER ZONE AND ACCESS CHANNEL OF PUERTO BOLIVAR, MAE-RA-2017-297974 CODE"**

**Project extract:**

Within its private initiative proposal called PUERTO BOLIVAR MODERNIZATION PROJECT, the company YILPORT TERMINAL OPERATIONS (YILPORTECU) S.A. plans to carry out the dredging of piers 1, 2, 3, 4, 5, and 6, the Maneuver Zone, and the Access Channel of Puerto Bolívar.

The Dredging project includes two stages, as follows:

- Dredging of piers 1, 2, 3, 4, 5, and 6, corresponding to 9 hectares.
- Dredging of the Maneuver Zone and Access Channel to the port, corresponding to 94.7 hectares plus another 400 hectares of the seaport access channel.

The works shall be carried out from 4 kilometers before the sea buoy to the limit of the maneuvering and docking area, approximately 9000 m. of length.

**Publication on the website and receipt of comments:**

The draft of the Environmental Impact Assessment shall be available on the website of the Ministry of the Environment <https://maeloro.wordpress.com>, on the sponsor company's website [www.yilport.com](http://www.yilport.com), and on the consulting company's website [www.ecosfera-consultora.com](http://www.ecosfera-consultora.com) from June 5 to June 12, 2017.

Comments and observations shall be received on the Ministry of Environment's website until June 12, 2017.

**Informative talk:**

As part of the process, an Informative Talk shall also be held, in which the content of the Environmental Impact Assessment of the project will be presented on Wednesday June 7, 2017 at 11:00 in the Auditorium of the Port Authority of Puerto Bolívar.

**We appreciate your participation.**



Publication in Printed Press

EL CORREO NEWSPAPER

**SUNDAY 4 of** (Logo of Correo El Diario de Todos) Price \$0.35  
June, 2017 48 pages  
YearXXXIV Edition No. 12187  
Machala – Ecuador  
[www.diariocorreio.com.ec](http://www.diariocorreio.com.ec)

Machala, Ecuador – Sunday 4 of June, 2017

(Logo of Ministerio del Ambiente) (logo of YILPORT PUERTO BOLIVAR) (Logo of ECOSFERA Consultora Ambiental)

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The Ministry of the Environment, as the National Environmental Authority, and the company YILPORT TERMINAL OPERATIONS (YILPORTECU) S.A., proponent of the project, in compliance with the Regulations for the Application of the Mechanisms of Social Involvement in the Environmental Management Law, Executive Decree 1040, and Ministerial Agreement 103, invite the general public, and especially the authorities of the Machala District and residents surrounding the parish of Puerto Bolivar to participate in the:

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Publication in Printed Press

EL CORREO NEWSPAPER

**SATURDAY 3 of**  
June, 2017  
YearXXXIV  
Machala – Ecuador  
[www.diariocorreo.com.ec](http://www.diariocorreo.com.ec)

(Logo of Correo El Diario de Todos) Price \$0.35  
40 pages  
Edition No. 12186

Machala, Ecuador – Saturday **3 of June**, 2017

(Logo of Ministerio del Ambiente) (logo of YILPORT PUERTO BOLIVAR) (Logo of ECOSFERA Consultora Ambiental)

**ANNOUNCEMENT**

The Ministry of the Environment, as the National Environmental Authority, and the company YILPORT TERMINAL OPERATIONS (YILPORTECU) S.A., the proponent of the project, in compliance with the Regulations for the Application of the Mechanisms of Social Involvement in the Environmental Management Law, Executive Decree 1040, and Ministerial Agreement 103, invite the general public, and especially the authorities of the Machala District and residents surrounding the parish of Puerto Bolivar to participate in the:

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**We appreciate your participation.**

SOCIAL INVOLVEMENT PROCESS

ENVIRONMENTAL IMPACT ASSESSMENT  
DREDGING OF PIERS 1, 2, 3, 4, 5 AND 6,  
MANEUVER ZONE AND ACCESS CHANNEL OF PUERTO BOLIVAR

(logo of YILPORT PUERTO BOLIVAR)

(logo of Ecosfera Consultora Ambiental)

# Installation of Announcement Boards

Announcement Board Installation  
Porth Authority of Puerto Bolivar





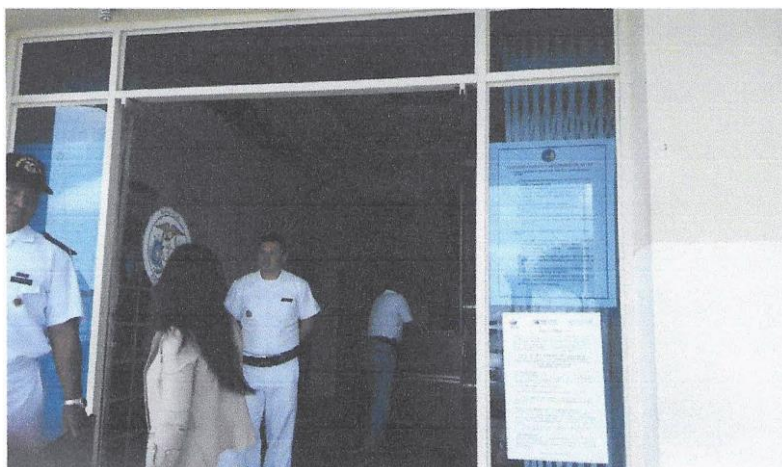
## Announcement Board Installation Communal House of Puerto Bolivar



Announcement Board Installation  
Health Center of Puerto Bolivar



Announcement Board Installation  
Captaincy of Puerto Bolivar





Announcement Board Installation  
Cabotage Pier of Puerto Bolivar





(logo of Ministerio de Ambiente) (Logo of YILPORT PUERTO BOLIVAR) (Logo of ECOSFERA CONSULTORA AMBIENTAL)

Machala, June 2, 2017

LETTER No. YPTO-PRJ-0044-2017

LIC.  
FABIOLA BRIONES  
**IEPS COORDINATOR**  
MACHALA

Dear Sir/Madam,

The Ministry of the Environment, as the National Environmental Authority, and the company YILPORT TERMINAL OPERATIONS (YILPORTECU) S.A., the proponent of the project, in compliance with the Regulations for the Application of the Mechanisms of Social Involvement in the Environmental Management Law, Executive Decree 1040, and Ministerial Agreement 103, invite the general public, and especially the authorities of the Machala District and residents surrounding the parish of Puerto Bolivar to participate in the:

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We appreciate your participation.  
Sincerely,

(signature of Santiago Aguilar)  
Eng, Santiago Aguilar  
Project Technical Director  
YILPORT TERMINAL OPERATIONS (YILPORTECU) S.A.

Note: 1 letter attached as sample.  
All the invitations sent are include in the original file.

(Stamp of IEPS)  
National Institute of  
Social and Inclusive  
Economy  
El Oro  
RECEIVED  
Name:  
Date:  
Time:

Received by: Illegible  
Name:  
ID: 07014979110  
Date: 09/06/2017  
Signature/Stamp: illegible

**SOCIAL INVOLVEMENT PROCESS**

ENVIRONMENTAL IMPACT ASSESSMENT  
DREDGING OF PIERS 1, 2, 3, 4, 5 AND 6,  
MANEUVER ZONE AND ACCESS CHANNEL OF PUERTO BOLIVAR

(logo of YILPORT PUERTO BOLIVAR)

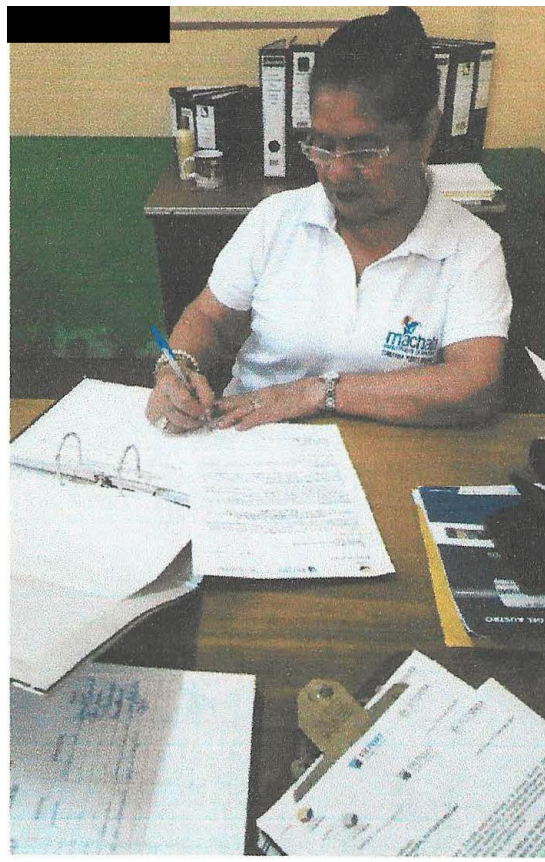
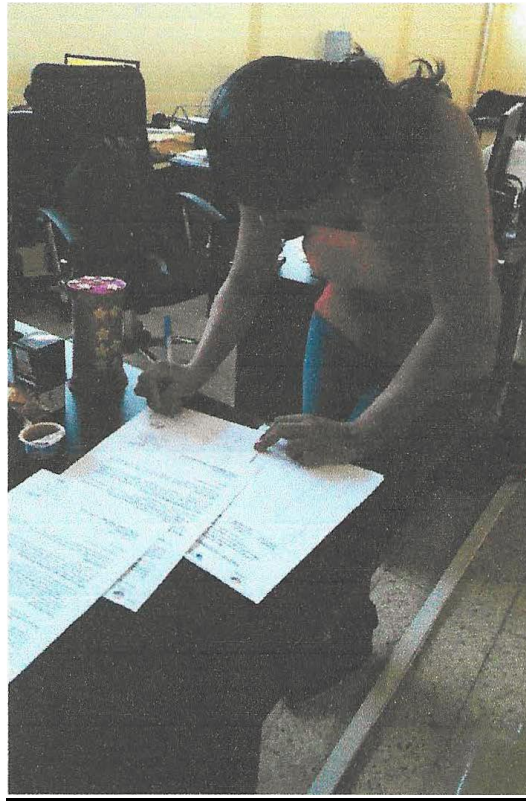
(logo of ECOSFERA CONSULTORA AMBIENTAL)

# **Registration of Invitation Delivery**

### Photographies of Invitation Delivery



## Photographies of Invitation Delivery





(logo of Ministerio de Ambiente) (Logo of YILPORT PUERTO BOLIVAR) (Logo of ECOSFERA CONSULTORA AMBIENTAL)

**REGISTRATION OF INVITATION DELIVERY**

**INFORMATIVE TALK  
ENVIRONMENTAL IMPACT ASSESSMENT AND MANAGEMENT PLAN  
"DREDGING OF PIERS 1, 2, 3, 4, 5 AND 6, MANEUVER ZONE AND  
ACCESS CHANNEL OF PUERTO BOLIVAR  
MAE-RA-2017-297974 CODE"**

<b>NAME AND SURNAME</b>	<b>POSITION OR ROLE PERFORMED</b>	<b>ID</b>	<b>SIGNATURE AND NAME OF RECIPIENT</b>
<i>Junior Sinche (illegible)</i>	<i>UPC policeman</i>	<i>1105936494</i>	<i>(signature of Junior Sinche)</i>
<i>Carlos Jacome</i>	<i>Sailor</i>	<i>1316427085</i>	<i>(signature of Carlos Jacome)</i>
<i>Bertha Villacres</i>	<i>Municipal Curator Secretary</i>	<i>0701048068</i>	<i>(signature of Bertha Villacres)</i>
<i>Bertha Villacres</i>	<i>Curator Secretary</i>	<i>0701048068</i>	<i>(signature of Bertha Villacres)</i>
<i>Gustavo Astudillo</i>	<i>Sub-inspector of Aquaculture of El Oro</i>	<i>0911045474</i>	<i>(signature of Gustavo Astudillo)</i>
<i>Raquel Fallain</i>	<i>UOPPAO Secretary</i>	<i>0706642295</i>	<i>(signature of Raquel Fallain)</i>

(logo of Ministerio de Ambiente) (Logo of YILPORT PUERTO BOLIVAR) (Logo of ECOSFERA CONSULTORA AMBIENTAL)

**REGISTRATION OF INVITATION DELIVERY**

**INFORMATIVE TALK  
ENVIRONMENTAL IMPACT ASSESSMENT AND MANAGEMENT PLAN  
"DREDGING OF PIERS 1, 2, 3, 4, 5 AND 6, MANEUVER ZONE AND  
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MAE-RA-2017-297974 CODE"**

<b>NAME AND SURNAME</b>	<b>POSITION OR ROLE PERFORMED</b>	<b>ID</b>	<b>SIGNATURE AND NAME OF RECIPIENT</b>
<i>Narcisa Barrezueta</i>	<i>General Secretary Col. Simon Bolivar</i>	<i>0701080806</i>	<i>(signature of Narcisa Barrezueta)</i>
<i>Eudolina Cardenas</i>	<i>Professor</i>	<i>0702348889</i>	<i>(signature of Eudolina Cardenas)</i>
<i>Blanca Aldaz</i>	<i>Leader of La Union Neighborhood</i>	<i>07031519043</i>	<i>(signature of Blanca Aldaz)</i>
<i>Blanca Aldaz</i>	<i>Leader of La Union Neighborhood</i>	<i>07031519043</i>	<i>(signature of Blanca Aldaz)</i>
<i>Aracely Mora</i>	<i>Secretary of (illegible)</i>	<i>0702319690</i>	<i>(signature of Aracely Mora)</i>
<i>Elaine Ramon</i>	<i>General Secretary</i>	<i>0702321720</i>	<i>(signature of Elaine Ramon)</i>

**REGISTRATION OF INVITATION DELIVERY**

**INFORMATIVE TALK  
ENVIRONMENTAL IMPACT ASSESSMENT AND MANAGEMENT PLAN  
"DREDGING OF PIERS 1, 2, 3, 4, 5 AND 6, MANEUVER ZONE AND  
ACCESS CHANNEL OF PUERTO BOLIVAR  
MAE-RA-2017-297974 CODE"**

<b>NAME AND SURNAME</b>	<b>POSITION OR ROLE PERFORMED</b>	<b>ID</b>	<b>SIGNATURE AND NAME OF RECIPIENT</b>
<i>(illegible) Elizalde</i>	<i>Secretary</i>	<i>070502397-6</i>	<i>(signature of Elizalde)</i>
<i>Alexandra Galvez (illegible)</i>	<i>Secretary</i>	<i>0702669995</i>	<i>(signature of Alexandra Galvez)</i>
<i>(illegible)</i>	<i>Secretary</i>	<i>0703289201</i>	<i>(Stamp) Received at dispatch of the Governor of El Oro Today: JUNE 2, 2017 Time: 15:21 (signature of illegible name) CERTIFIED</i>
<i>Silvia Tara</i>	<i>Receptionist</i>	<i>0704435700</i>	<i>(stamp) (signature of Silvia Tara)</i>
<i>Silvia Tara</i>	<i>Receptionist</i>	<i>0704435700</i>	<i>(stamp) (signature of Silvia Tara)</i>
			<i>(stamp) Illegible signature</i>

(logo of Ministerio de Ambiente) (Logo of YILPORT PUERTO BOLIVAR) (Logo of ECOSFERA CONSULTORA AMBIENTAL)

**REGISTRATION OF INVITATION DELIVERY**

**INFORMATIVE TALK  
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ACCESS CHANNEL OF PUERTO BOLIVAR  
MAE-RA-2017-297974 CODE"**

<b>NAME AND SURNAME</b>	<b>POSITION OR ROLE PERFORMED</b>	<b>ID</b>	<b>SIGNATURE AND NAME OF RECIPIENT</b>
<i>Kaela Avellan</i>	<i>Administrative Assistant</i>	<i>0704630698</i>	<i>(signature of Kaela Avellan)</i>
<i>Jessica García</i>	<i>Administrative Assistant</i>	<i>0703004591</i>	<i>(signature of Jessica Garcia)</i>
<i>Paola Alvear</i>	<i>Secretary</i>	<i>0705173797</i>	<i>(Stamp) Secretaria del Agua (illegible) SENAGUA (signature of Paola Alvear)</i>
		<i>0701401010</i>	<i>(stamp) Dirección Provincial del Ambiente de El Oro MACHALA-EL ORO (signature unknown name)</i>
<i>(illegible)</i>	<i>General Secretary</i>	<i>0701886475</i>	<i>(stamp) IEPS Instituto Nacional de Economía Popular y Solidaria El Oro RECEIVED (signature of illegible name)</i>
<i>(illegible)</i>			



(logo of Ministerio de Ambiente) (Logo of YILPORT PUERTO BOLIVAR) (Logo of ECOSFERA CONSULTORA AMBIENTAL)

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MAE-RA-2017-297974 CODE"**

<b>NAME AND SURNAME</b>	<b>POSITION OR ROLE PERFORMED</b>	<b>ID</b>	<b>SIGNATURE AND NAME OF RECIPIENT</b>
<i>Luz Yaguana</i>	<i>Mother of the President of El Pacifico Neighborhood</i>	<i>2927585</i>	<i>(signature of Luz Yaguana)</i>
<i>Luz Yaguana</i>	<i>Mother of the President of El Pacifico Neighborhood</i>	<i>2927585</i>	<i>(signature of Luz Yaguana)</i>
<i>Nuvia Chavez</i>	<i>President of Virgen del Cisne</i>	<i>0801578303</i>	<i>(signature of Nuvia Chavez)</i>
<i>Rocio Reinoso</i>	<i>(illegible) President of the Association of Artisan Women Estero Porteño</i>	<i>0702833588</i>	<i>(signature of Rocio Reinoso)</i>
<i>Encarnación Zambrano (Jose Palas)</i>	<i>President of Simon Bolivar Neighborhood</i>	<i>0701724320</i>	<i>(signature of Encarnación Zambrano)</i>

# Minutes of Informative Meeting

## **MINUTES OF INFORMATIVE MEETING**

### **DRAFT OF THE ENVIRONMENTAL IMPACT ASSESSMENT AND ENVIRONMENTAL MANAGEMENT PLAN OF THE PROJECT "DREDGING OF PIERS 1, 2, 3, 4, 5 AND 6, MANEUVER ZONE AND ACCESS CHANNEL OF PUERTO BOLIVAR MAE-RA-2017-297974 CODE"**

At 11:33 a.m. on Wednesday 7 of June, 2017 at the Puerto Bolívar Port Authority Auditorium, located in the Parish of Puerto Bolívar, Machala district, El Oro province, the Informative Meeting of the draft of the Environmental Impact Assessment and Environmental Management Plan of the project: **"DREDGING OF PIERS 1, 2, 3, 4, 5 AND 6, MANEUVER ZONE AND ACCESS CHANNEL OF PUERTO BOLÍVAR"**, with 83 attendants and the following agenda:

1. Opening of the Informative Meeting
2. Intervention by the representative of the Ministry of Environment as Responsible Environmental Authority, Eng. Claudia Bustamante.
3. Intervention by the representative of the project sponsor, YILPORTECU S.A., Eng. Santiago Aguilar.
4. Presentation of the Draft of the Environmental Impact Assessment by the Consultant Team:
  - Eng. Claudia Cordero
  - Bio. Jorge (illegible)
  - Bio. Romel Molina
  - Eng. Cesar Valarezo
  - Eng. Harry Veintimilla
  - \_\_\_\_\_
5. Forum for discussion, participation and responses to the attendants' comments held by the Moderator.
6. Signing of the Informative Meeting Minute.
7. Hearing closure.

(logo of Ministerio de Ambiente) (Logo of YILPORT PUERTO BOLIVAR) (Logo of ECOSFERA CONSULTORA AMBIENTAL)

The discussion forum involved 13 persons making questions and comments based on the presentation performed.

Main observations at the Informative Meeting were as follows:

- Analysis to sediments to be deposited in the pool, are they pollutant?
- Why it was not performed as mentioned in Ministerial Agreement 103?
- There has not been an inventory on (illegible) of the impact area.
- PMA cost will not be sufficient in case of damage to the (illegible)
- There was not any (illegible) analysis performed
- Type of (illegible) was not considered with regard to (illegible)
- Fishermen not being allowed to leave
- (illegible)
- Observation for making only control points, since the consultor of the previous Assessment was requested 21 samples.

Having said this, the Informative Meeting is concluded at \_\_\_\_\_ with the signing of the minute.

(signature of Claudia Bustamante)

(signature of Santiago Aguilar)

\_\_\_\_\_  
Name: Eng. Claudia Bustamante

\_\_\_\_\_  
Name: Eng. Santiago Aguilar

ID:

ID: pass – 13 ID 85753

Ministry of the Environment Representative

Sponsor Representative

(signature of Harry Veintimilla)

(signature of Jessica [illegible])

\_\_\_\_\_  
Name: Eng. Harry Veintimilla

\_\_\_\_\_  
Name: Eng. Jessica (illegible)

ID: 0702644758

ID:

Environmental Consultant Representative

Community Representative

**REGISTRATION OF INVITATION DELIVERY**

**INFORMATIVE TALK  
ENVIRONMENTAL IMPACT ASSESSMENT AND MANAGEMENT PLAN  
"DREDGING OF PIERS 1, 2, 3, 4, 5 AND 6, MANEUVER ZONE AND  
ACCESS CHANNEL OF PUERTO BOLIVAR  
MAE-RA-2017-297974 CODE"**

<b>NAME AND SURNAME</b>	<b>POSITION OR ROLE PERFORMED</b>	<b>ID</b>	<b>SIGNATURE AND NAME OF RECIPIENT</b>
<i>Dario (illegible) Capa</i>	<i>UTMACH Student</i>	<i>0705812295</i>	<i>(signature of Dario Capa)</i>
<i>Dayse Vargas Cabrera</i>	<i>Administrator of Asociación Estero Porteño</i>	<i>0702118274</i>	<i>(signature of Dayse Vargas Cabrera)</i>
<i>Luis Fernando Frías León</i>	<i>UTMACH Student</i>	<i>0705255222</i>	<i>(signature of Luis Fernando Frías León)</i>
<i>Herrera (illegible) Maritza Elizabeth</i>	<i>UTMACH UAIC Student</i>	<i>0706522356</i>	<i>(signature of Herrera Martiza Elizabeth)</i>
<i>Rosa (illegible)</i>	<i>Virgen del Cisne</i>	<i>0918362179</i>	<i>(signature of Rosa)</i>
<i>Rodrigo Pineda (illegible)</i>	<i>(illegible) Environmental Quality</i>	<i>0705122067</i>	<i>(signature of Rodrigo Pineda)</i>
<i>Sixto Ruiz</i>	<i>(illegible) Environmental Management</i>	<i>0700926728</i>	<i>(signature of Sixto Ruiz)</i>

Note: 1 sheet is attached as sample.  
The remaining attendance sheets are include in the original file

# PHOTOGRAPHIES

## Informative Meeting

## **INFORMATIVE MEETING**



## **INFORMATIVE MEETING**



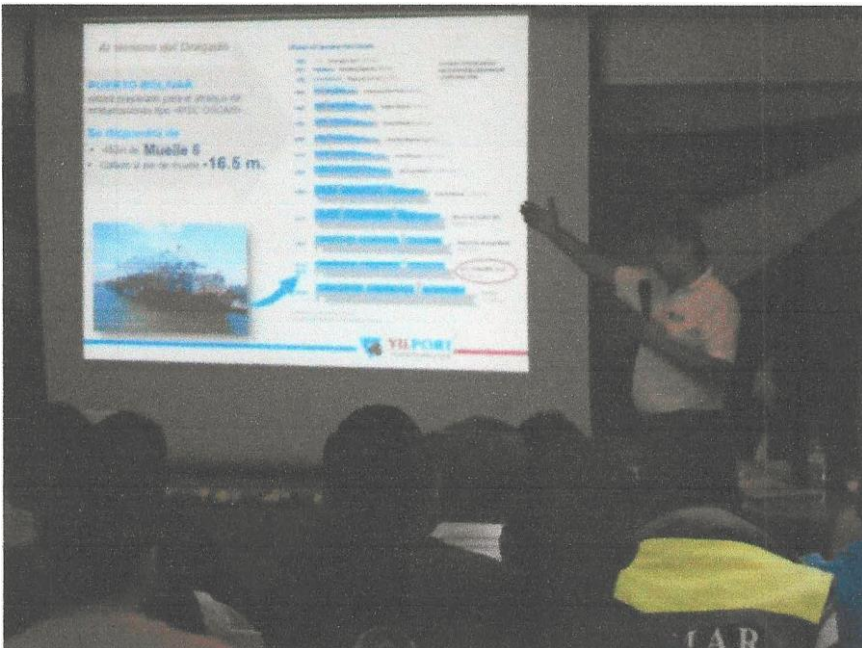


## **INFORMATIVE MEETING**



### INTERVENTION BY THE DIRECTOR OF THE PROJECT

**YILPORTECU S.A.**



## INTERVENTION BY THE DIRECTOR OF THE PROJECT

### YILPORTECU S.A.





## **PRESENTATION OF THE ENVIRONMENTAL IMPACT**

### **ASSESSMENT**

**CONSULTANT TEAM ECOSFERA CIA. LTDA.**



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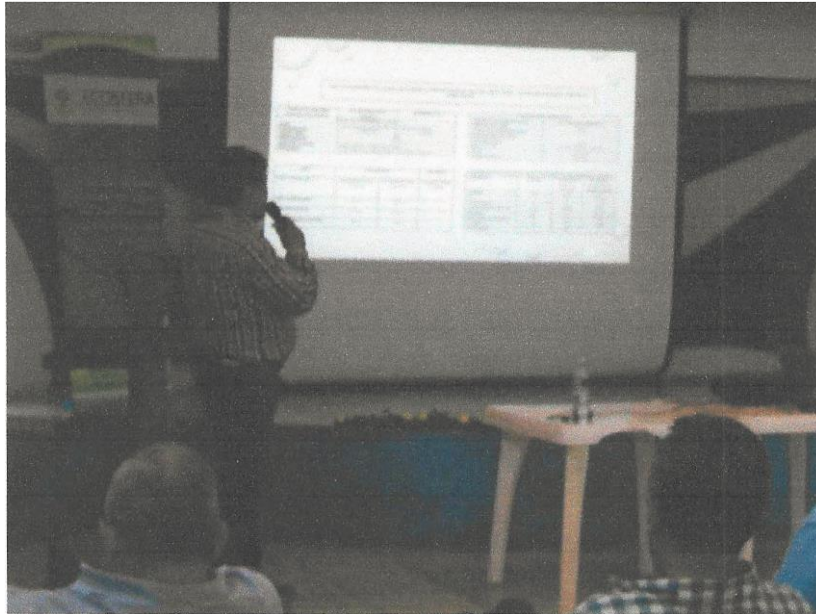




## **PRESENTATION OF THE RESULTS FROM BIOESSAYS**

### **"DETERMINATION OF THE MEAN LETHAL CONCENTRATION (CL50-96) IN SHRIMP LARVAE WITH SUSPENDED SEDIMENTS"**

**Ph.D. Cesar Valarezo Macias, Mg. Sc.**





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**Publication in  
printed press regarding  
Informative Meeting**

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INFORMATIVE MEETING HELD

THURSDAY 8 of (Logo of CORREO El Diario de Todos)

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**PIERS**



**Yilport socializes** with  
shrimp workers for  
dredging plan

Page 3



**Representatives of Yilport, Ministry of Environment and Ecosfera**  
*consultora ambiental socialized the Draft of the environmental  
impact assessment and management plan of the piers of Puerto  
bolívar.*

INFORMATIVE MEETING HELD

To province productive sectors

**Yilport socialized the environmental management plan for pier dredging**

Representatives of the shrimp, banana and cocoa production sector, fishermen and inhabitants of the areas of impact participated in the socialization of the draft of the "environmental impact assessment and management plan for the dredging of the piers 1, 2, 3, 4, 5 and 6, the maneuver area and access channel of Puerto Bolívar", prepared by Yilport, with the collaboration of the Ministry of the Environment and Ecosfera Consultora Ambiental.

The dredging project is divided into two stages: dredging of piers 1, 2, 3, 4, 5 and the future pier 6 corresponding to 9 hectares; dredging of the maneuver area and access channel to the port corresponding to 94.7 hectares plus 400 ha. of the access channel to the seaport.

The works will be carried out from four kilometers before the sea buoy to the limit of the maneuver and berthing area, approximately 900 meters long.

For the deposit of dredged material (sediments) from the areas attached to the piers of the Port Authority of Puerto Bolívar (APPB), the area located next to the access of the Educational Unit Alf. Víctor Naranjo Fallos has been considered, former ISSFA sites. While for the deposit of sediments from the dredging of the maneuver zone and access channel there is an area limited offshore.

**Schedules**

The dredging works for pier 1 to 5 are scheduled to begin this month and last for five months, while pier 6 is scheduled for May 2018.

Meanwhile, the first phase of dredging in the maneuver area will begin in January 2018 and it will take two months; the first phase of the dredging of the access channel in March 2018; and the second phase dredging maneuver area and access channel in 2023. The works will take up to six months.

**Plan**

As part of the environmental impact assessment, Yilport has designed a plan establishing the actions required to prevent, mitigate, control, correct and compensate the potential negative environmental impacts and highlight the positive impacts caused by the development of a proposed action. That is, the impact prevention and mitigation plan; waste management; communication and training; contingencies; work health and safety; community relations; control and monitoring; departure and delivery of the zone. In order to implement the environmental management plan, \$153,350 will be invested.

Once these assessments and plans are approved, Yilport may also obtain the environmental license and implement the dredging works in Puerto Bolívar, in accordance with the Law of Environmental Management.

Machala-Ecuador – Thursday **8 of June, 2017**

(image cannot be extracted from the pdf file)

(text in pdf is cut and cannot be translated into English)

## COMMENTS BY E-MAIL

**COMMENTS RECEIVED BY E-MAIL**

**<http://maeelor.wordpress.com>**

Holger Matameros Espinoza

(illegible date)

Good afternoon Mrs. Of MAE,

I strongly need to make a statement on the SOCIAL INVOLVEMENT PROCESS that is being conducted on this GREAT PROJECT OF DREDGING OF PIERS 1, 2, 3, 4, 5, AND 6, MANEUVER ZONE AND ACCESS CHANNEL OF PUERTO BOLIVAR. First of all, there is an inconsistency regarding the date of the invitation published in a local media, which read "ON TUESDAY 7 OF JUNE AN INFORMATIVE TALK WILL BE HELD". Some of us were present, along with members from the shrimp production sector, and such event did not occur.

With regard to (illegible), I have to state the following:

In the Page 73 of the Assessment, in the CHAPTER V OF THE SOCIAL INVOLVEMENT AND ITS ART. 14, provisions in this PPS are not being complied.

Page 84 of the MINISTERIAL AGREEMENT 103, ART. 2, the PPS shall be MANDATORY, and it shall be developed with or without a social-environmental facilitator. As far as I am concerned, this type of DREDGING PROJECT has a SIGNIFICANT ENVIRONMENTAL IMPACT. Please, if I am wrong, let me know.

With regard to the INSTITUTIONAL FRAMEWORK, MUNICIPAL GAD have not been considered.

It seems that a very small amount of samples has been considered for monitoring, since there are 6 samples for water monitoring, 6 samples of mud monitoring, 1 sample of air monitoring and 4 samples of noise monitoring.

The PPS should have been performed in accordance with the Ministerial Agreement 103. This is a Project Sensitive to the ECOSYSTEM, and a FACILITATOR should have been involved TO CARRY OUT THIS PROCESS, not in the way it was developed, with a simple TALK TO BE HELD TOMORROW, WEDNESDAY 7 OF JUNE, which may void this environmental regulation process.



I, Miguel Angel Pantoja Shimanskii, certify that the present document consisting of 103 pages in english was translated from its original version in spanish, it's accurate to the best of my capacities as a Sworn Court Certified Translator of the Judicial Council of Ecuador.

Yo, Miguel Angel Pantoja Shimanskii certifico que el presente documento que consta de 103 páginas en ingles fueron traducidas de su versión original en español, son precisas en mis capacidades como traductor calificado y jurado del Consejo de la Judicatura.

**Nombre/ Name: Miguel Angel Pantoja Shimanskii**  
**CC/National ID #:1717206534**

Fecha/Date: 18<sup>TH</sup> OF MARCH, 2020

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