



**Espejo**  
de **Tarapacá**

## Chapter 15: Voluntary Environmental Commitments

# EIA Espejo de Tarapacá

Region of Tarapacá, Chile

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## 15. COMMITMENTS ENVIRONMENTAL VOLUNTEERS

### 15.1. Introduction

Article 18, letter M) of the SEIA regulation establishes that environmental impact studies should contain, within its minimum content, *"The description of the content of voluntary environmental commitments, not required by the legislation in force, that the owner of the project or activity contemplates to carry out, with the precise indication of the place and time in which they will be verified, as well as the Compliance indicators, if applicable. These commitments may be considered to be responsible for the non-significant impacts and the associated to verify that no significant impacts are generated."*

In compliance with this requirement, this chapter presents the voluntary environmental commitments of the project "Espejo de Tarapacá". Within Of these, Are presented those who are charged impacts that are not meaningful.

It should also be noted that the chapters "description of actions prior to the presentation of the EIA "(Chapter 13)," Negotiations with stakeholders "(chapter 14) and voluntary environmental commitments (Chapter 15) are intrinsically linked due to the implementation of an early approach methodology with The community. Bliss Vision has enabled the project and the community to establish a transparent, early, and permanent dialogue that has resulted in the focus of previous actions, negotiations, and commitments acquired until the admission of the EIA consistently and consistently with the Interests of each party.

This allowed, in short, that the origin of many of the voluntary commitments in this chapter described, respond to concerns and consultations formulated by the Community during the actions of environmental participation developed by the project "Espejo de Tarapacá "During the elaboration of the present environmental impact study.

## 15.2. Voluntary Commitments by Component

### 15.2.1 Biological Oceanography

**Table 15-1. Technical support In Environmental EMAS.**

<b>Commitment: Technical support on marine issues</b>	
Project phase	Prior to construction
Environmental component	Marine environment
Environmental Factor	Biological oceanography
Objective	Provide technical support to the San Marcos community for the interpretation of marine baseline studies and water intake and discharge modeling.
Description and justification	Make available to the community, a marine consultant chosen by it under the context of agreed terms of reference with The community, with the aim of supporting the reading and understanding of the marine environment studies generated by the project owner.
Place, form and opportunity of implementation	The hiring of the consultancy will be extended throughout the evaluation period of the project and up to 30 days following the dictation of The resolution of environmental qualification.
Compliance indicator	Final report of the holder to The Superintendence Of the environment, with documentation that certifies the hiring of the consultant, within the 90 days following the dictation of the RCA.

Source: Self-elaboration

**Table 15-2. Participatory monitoring.**

<b>Commitment: Participatory monitoring</b>	
Project phase	Construction and operation
Environmental component	Marine environment
Environmental Factor	Physical and biological oceanography
Objective	Transparency in the methodology with which marine studies are carried out through terms of reference and timely access to the resulting information to the stakeholders of Caleta San Marcos.
Description and justification	As has been done so far, the conduct of marine studies or monitoring will be communicated prior to the Union independent workers, shellfish divers and helpers of Caleta de San Marcos; and of The board of neighbors. The holder also agrees to deliver the results in a timely manner.
Place, form and opportunity of implementation	<p>The prior notice will be sent to the legal representatives of the trade union independent workers, shellfish divers and assistants from Caleta de San Marcos; and of The board of neighbors, in written form, with at least 5 days in advance.</p> <p>The results of the reports will be made available to the community, at the holder's offices in San Marcos, from the 15 days following the receipt by the project holder.</p>
Compliance indicator	Delivery of half-yearly reports with letters of prior notice and results, to the legal representatives of the aforementioned bodies.

Source: Self-elaboration

## 15.2.2 Human environment

**Table 15-3. Work table.**

<b>Commitment: Work table</b>	
Project phase	Construction
Environmental component	Anthropological Dimension
Environmental Factor	does not apply
Objective	Open and transparent dialogue with The community of Caleta San Marcos to work together the challenges and opportunities that will present the construction phase as well as the operation of the contributions that the project makes to the community.
Description and justification	Open work table for all the residents of Caleta San Marcos
Place, form and opportunity of implementation	This work table will take place in Caleta San Marcos, at least on a semiannual stage during the construction phase.
Compliance indicator	Lifting of minutes of each work table held.

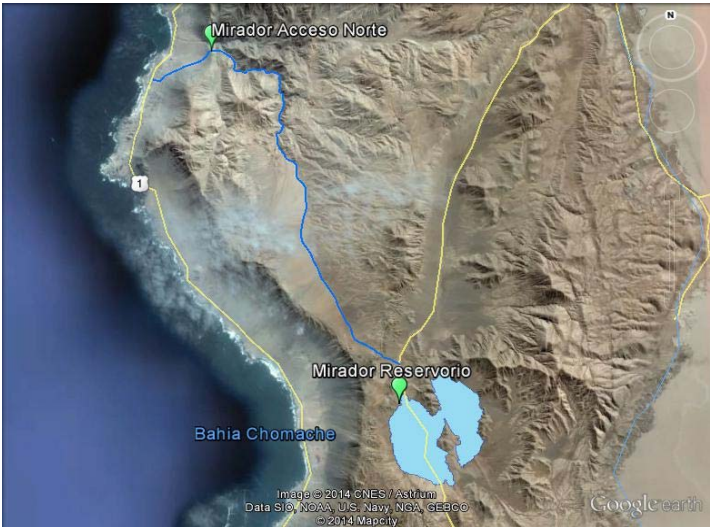
Source: Self-elaboration

**Table 15-4. Desalination plant infrastructure.**

<b>Commitment: Desalination Plant Infrastructure</b>	
Project phase	Construction and operation
Environmental component	Basic Social Welfare dimension
Environmental Factor	Supply and demand for basic services
Objective	Deliver up to 50 m <sup>3</sup> /day of desalinated water in Caleta San Marcos, in the vicinity of the pond of accumulation of the Rural Potable water system of the locality (in current processing). The costs of production, distribution and disinfection will be of charge and responsibility of The community.
Description and justification	Deliver desalinated water to La Caleta San Frameworks that allow them to add value to their productive tasks, to allow the growth of service area, and to improve the quality of life of the community.
Place, form and opportunity of implementation	The delivery of desalinated water will take place within 3 months after the end of the construction of The desalination plant. However, this will depend on the local Rural drinking water system being implemented.
Compliance indicator	Written communication reporting the availability of desalinated water, sent by the project Holder to the legal representative of the Rural Drinking Water Committee.

### 15.2.3 Tourism

**Table 15-5. Installation of tourist viewpoints**

<b>Commitment: Installation of tourist viewpoints</b>	
Project phase	Operation
Environmental component	Landscape
Environmental Factor	Visual quality
Objective	To install two tourist viewpoints, one with view to the reservoir and another in the sector of the road access North with Sea view.
Description and justification	<p>To build a viewpoint from a high visibility point in the Cordillera de la Costa, in order to promote the new landscape generated by the seawater reservoir of the "Espejo de Tarapacá" project. This commitment seeks to assess the reservoir in a desert area as a new tourist attraction that can be visited. On the other hand, the second viewpoint located in the North Access road, near Caleta Rio Seco, will aim to facilitate the observation of the sea from a privileged area on the coastal cliff for such purposes. The location of these viewpoints is presented in the following figure:</p> <p style="text-align: center;"><b>Figure 15-1. Tourist viewpoints</b></p> 



	<p>It is also considered the installation of the following signage:</p> <ul style="list-style-type: none"> <li>• Viewpoint Reservoir: Informative signage of the project.</li> <li>• Viewpoint North Access: Environmental information signage of the sector, based on the data raised in baseline.</li> </ul> <p>In addition, tourism-type signage will be installed in the cemetery sector for better identification of this area of patrimonial interest.</p>
Place, form and opportunity of implementation	This commitment will take place within the first six months of the operation phase. Access and a esplanade for parking and landscape observation will be enabled.
Compliance indicator	A photographic record will be made when the construction of the viewpoints has been completed.