



Mexico City at JULY 14, 2016

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LEGAL REPRESENTATIVE OF THE COMPANY
VIZ RESOURCE MANAGEMENT, S.A. DE C.V.

Once analyzed and evaluated the manifestation of environmental impact, regional modality (**MIA-R**) and the additional information (**I.A.**) corresponding to the project called "**Integral Project EcoZoneMx**" (**Project**), presented by the company **Viz Resource Management, S.A. de C.V. (Promoter)**, to be developed to the south-west of the Mexicali, Baja California, by the highroad of Mexicali-San Luis Rio Colorado, sitting in the eastern side of the Cucapah Sierra.

RESULTING:

- I. That in November 25 of 2015, it was received in this Environmental Impact and Risk Management Agency (**DGIRA**) the statement of the 10 of the same month and year, by which the promoter admits or sends for its analysis and evaluation in matters of environmental impact the **MIA-R**, With the purpose of obtaining the corresponding authorization, for the different works and / or activities that involve the **project**, same that was registered with the key **02BC2015I0009**.
- II. That in November 26 of 2015, in compliance with what is established in section 1 of article 34 of the general law of ecological balance and protection of the environment, (**LGEEPA**), and in compliance with what is established in Article 37 of its regulation of the general law of ecological balance and protection of the environment (**REIA**), the Secretary of Environment and Natural Resources (SEMARNAT) published in the separate printing number **DGIRA/049/15** of its ecological gazette and in the electronic page of its portal www.semarnat.gob.mx, the list of registered **projects** subject to the procedure of evaluation of environmental impact and risk in the period from 19 to 25 of November of 2015, including improvised, within which included the request that the **promoter** presented for the **project**.
- III. That in December 04 of 2015, this **DGIRA** notifying and issuing requests for technical opinion of the project to the following governmental bodies and of this secretary, in order that the said bodies decide on their competence, through the following offices:

Office Number	Administrative Unit
SGPA/DGIRA/DG08379	General wildlife management



Office Number	Administrative Unit
SGPA/DGIRA/DG08381	General direction of environmental policy and regional and sectorial integration (DGPAIRS) of the SEMARNAT.
SGPA/DGIRA/DG08382	Environmental Protection Secretariat of Baja California State.
SGPA/DGIRA/DG08383	Municipality of Mexicali, Baja California.

In said offices, the administrative units mentioned in the above table were given a period of fifteen days to issue their observations, in accordance with what is established in Article 55 of the Federal Administrative Procedure Law (LFPA).

IV. That on December 07 of 2015 based on the provisions of article 34, section I of the **LGEEPA**, the **promoter** presented to the **DGIRA** the communiqué of November 30 of that same year, through which it presented the publication of the extract of the **project**, held on November 28 of the same year, on page 3C of the newspaper "La Crónica" in the state of Baja California.

V. That on December 09 of 2015 based on the provisions of article 35 of the **LGEEPA** and 21 of its **REIA**, this **DGIRA** integrated the **project file**, and according to article 34, first paragraph, of the **LGEEPA**, made it available to the public at the Information Center of Environmental Management (CIGA), located at Av. Central 300, Col. Carola, Delegation Alvaro Obregon, Mexico City.

VI. That on December 18 of 2015, the writing dated 14 of the same month and year entered at the SEMARNAT Delegation in the state of Baja California, and forwarded to this **DGIRA** the same day, via electronic mail, through which C. Alejandro Garcia Perez, President Of the commissariat of the Ejido Heriberto Jara as a member of the community affected by the realization of the **project**, in its own right requested that the **project** be submitted to the public consultation process, for which he presented the assembly act of the Ejido General Heriberto Jara who accredits him as president of the Commissariat and the identification of the undersigned to ratify himself as a member of the community. The paper was received physically in this **DGIRA** twice, on January 11 and 18 of the same year.

VII. That on January 12 of 2016 through the office SGPA / **DGIRA** / DG / 0105, this **DGIRA** notified C. Alejandro Garcia Perez, his determination to initiate the process of public consultation of the project, in accordance with the provisions of articles 34, sections I to V of the **LGEEPA** And 40 to 42 of its **REIA**, adjusting to the times of law, informing him further that the MIA-R would be available to the public to be consulted in both the CIGA of the undersecretary of management for environmental protection of SEMARNAT located in the City of Mexico, as in the offices of the delegation of this SEMARNAT in the state of Baja California and in the web page with the key of "**Proyecto 02BC2015I0009**", in the following route:

"Integral Project EcoZoneMx"
Viz Resource Management, S.A. de C.V.
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<http://tramites.semarnat.gob.mx/index.php/consulta-tu-tramite>

VIII. That on January 18 of 2016 through DGPA / **DGIRA** / DG / 0222, this **DGIRA** notified the **promoter** of the initiation of the public consultation process of the **project**, since the application entered complied with the requirements established in the applicable regulations, and should therefore publish the extract of the Project in a newspaper of wide circulation in the state of Baja California, in a term not more than five days counted from that effective the notification of the office in appointment, to later send to this **DGIRA**, within a term no greater than five Days after its publication, the page (s) of the newspaper (s) or periodical (s) in which it was made for the purpose of incorporating it in the file, as established In articles from **LGEEPA**, 41 and 42 of its **REIA**, three additional printed copies of the MIA-R were also requested from the **promoter**, so that they could be displayed for consultation of the interested public, two of which should be included in this **DGIRA** and the third in the delegation of SEMARNAT in the state of Baja California.

IX. That on January 18 of 2016 through the office SGPA / **DGIRA** / DG / 0221, this **DGIRA** informed to the delegation of SEMARNAT in the state of Baja California that had determined to initiate the Process of public consultation of the **project**, reason why it was requested to him in accordance with established In articles 34, section II, of **LGEEPA**, 38, 39, 40 and 41 of the **REIA**, to make available to the public a copy of the **MIA-R** and also send it the attached format of the detailed Act so that said Delegation ratifies that **MIA-R** was made available for public consultation, in this administrative unit.

X. That on January 21 of 2016, in compliance with what is established in article 34 of the **LGEEP**, and in compliance with what establishes articles 40 and 41 of its **REIA**, SEMARNAT publishes in the ecological gazette separator number **DGIRA** / 004/16, which at the request of a citizen Of the community where the **project** intends to develop this **DGIRA** determined that as of January 18, 2016 would initiate the process of public consultation of the same, it was made known that the **MIA-R** of the **project** was available to the public for consultation In the CIGA and in the federal delegation of this secretary in the state of Baja California; In days and hours, as well as in the page <http://tramites.semarnat.gob.mx/index.php/consulta-tu-tramite>, entering with the key of the **project**.

Likewise, it was reported that observances and proposals for preventive and mitigation measures, should be done through the link, <http://www.semarnat.gob.mx/impacto-ambiental/consultas-publicas/consultas-vigentes>, or in its defect by means of certified mail in Avenida Ejército Nacional No. 223, Colonia Anáhuac, Delegación Miguel Hidalgo, Código Postal 11320, Ciudad de México.

XI. That on January 21 of 2016 in the offices occupied by CIGA, located at Av. Central No. 300, Col. Carola, Delegation Álvaro Obregón in Mexico city, the Circumstantial Act was recorded, stating that the documentation cited in the document was made available to the public



RESULT I of the present office so that it could be consulted by any person, in accordance with the provisions of the first paragraph of article 34 of the **LGEEPA**.

XII. That on January 26 of 2016 entered to this **DGIRA** the announcement of January 21, 2016, whereby the promoter presented two printed copies of the **MIA-R** in compliance with the indication in the writing SGPA / **DGIRA** / DG / 0222 dated January 18, 2016 and Based on articles 41 and 42 of the **REIA**.

XIII. That on January 26 of 2016 in the offices of the SEMARNAT Federal Delegation in the state of Baja California, on calzada Cetys No. 2799, Building C, Third level, Local 19, Col. Rivera, C.P. 21259, Mexicali Baja California, the circumstantial act was recorded where it was found that the **MIA-R** of the **project** was made available, so that any citizen of the community can consult it in compliance with what is established in articles 34 of the **LGEEPA** and 41 of the **REIA**.

XIV. That on January 29 of 2016 this **DGIRA** received the press release dated 21 of the same month and year, by means of which the **promoter** presented one of the three printed copies of the **MIA-R** requested in the office SGPA/**DGIRA**/DG/0222 dated January 18, 2016 and based on articles 41 and 42 of the **REIA**.

XV. That on January 29 of 2016 this **DGIRA** received the press release dated 21 of the same month and year, by means of which the **promoter** presented the publication of the **project** extract, realized in January 23 of the same year, in the page 5C of the newspaper "La crónica" in the State of Baja California, in compliance to the marked in the office SGPA/ **DGIRA**/ DG/ 0222 of date January 18 of 2016 and based on article 41 and 42 of **REIA**.

XVI. That on February 02 of 2016 this **DGIRA** received the office 5PA-MXL-0027/2016 through which the secretary of environmental protection of the state of Baja California, issued its technical opinion regarding the project in accordance with what is established in **RESULT III** of this writing, that information was integrated into the administrative file of the project in accordance with what is established in article 26 section II of the **REIA**.

XVII. That on February 02 of 2016 the SEMARNAT Baja California Delegation received the writing of the same date, and forwarded to this **DGIRA** on the 8th of the same month and year, in which C. Jose Carmelo Zavala Alvarez, Coordinator of the advisory council for sustainable development in the state of Baja California, requested to carry out the Public consultation and Include the public meeting of **project** information.

XVIII. That, between February 03 and 17, this **DGIRA** received the observations and commentaries of the **project**, of the listed citizens in the following table, said information was integrated to the administrative files of the **project**, in compliance with the established in the article 26 fraction II of **REIA**.



XIX. That on February 10 of 2016, this **DGIRA** issued the writing SGPA / **DGIRA** / DG / 0824, informing the Coordinating Unit for Social Participation and Transparency (UCPAST) of the decision of this Unit to carry out the public consultation of the **project**, as well as being requested to do so according to article 34 of the **LGEEPA** and 41 of its **REIA**, will turn its valuable instructions to the professionals who correspond to the effect that the necessary steps are taken to carry out the public meeting of information for the aforementioned **project** from February 25 to March 02 of this year.

XX. That on February 15 of 2016, this **DGIRA** received the writing dated 11 of the same month and year, through which C. Cuauhtemoc Herrera Aguilar, requested to extend the period of the public consultation of the **project** to 90 days, also attached photos and a list of signatures of all the people who agreed to the request.

XXI. That on February 17 of 2016, this **DGIRA** through the office SGPA/ **DGIRA**/ DG/0995, notified and issued the request for technical opinion of the development of the **project** to the National Institute of Anthropology History in the state of Baja California, in order that said body should rule on its competence. In that writing, he was given a period of fifteen days to issue his observations, in accordance with what is established in Article 55 of the Federal Law of Administrative Procedure (LFPA).

XXII. That on February 22 of 2016 in the frame of the public consult of the **project**, the determination was made to carry out the public meeting of the **project** based on articles 34 of the **LGEEPA**; 38 and 40 to 43 of the **REIA**; Through the publication in the ecological gazette separator number **DGIRA** / 009/16, the call was made to academic institutions, researchers, social and productive groups, non-governmental organizations and society in general to participate in the public meeting on the 26th of the same Month and year, in the municipality of Mexicali in the state of Baja California.

XXIII. That on February 23 of 2016, by means of an office SGPA / **DGIRA** / DG / 1108.16, this **DGIRA** requested, to the **promoter I.A.** Related to the documentation cited in **RESULT I** of this office.

XXIV. That on February 26 of 2016, this **DGIRA** received observations and commentaries from C. Julio Alfonso Mercado Rodriguez related with the **project**; said information was integrated to the record of conformity as established in the article 26 fraction III of **REIA**.

XXV. That on February 26 of 2016, this **DGIRA** received the writing dated 10 of the same month and year, means by which the C. Cuauhtémoc Herrera Aguilera requested a printed copy of the **MIA-R**, or in its absence a digital file to be able to print it by its own account.

XXVI. That on February 26 of 2016, this **DGIRA** received the writing dated 06 of the same month and year, through by which the **promoter** notified that in the state of Baja California in a newspaper of



a series of notes relating to the **project** had been published, referring to the fact that activities would be carried out for the final disposition of hazardous waste, so that the **promoter** stated that it was important to clarify that within the works contemplated for the **Project** is a station for management, revaluation and final disposal of hazardous waste, emphasizing that within the activities to be developed will be carried out related to the management and revaluation of these, which does not intend to carry out any activity related to construction And operation of a final disposal site for hazardous waste, although mention is made of some normative provisions related to the final disposal of hazardous waste, it is with the intention of applying all possible linkage to the **project**, so that it is carried out in accordance with the regulations.

XXVII. That on February 26 of 2016 was held the public meeting of information about the **project** in the state of Baja California, starting at nine o'clock in the day, in the lobby of the Hotel Real Inn located in Avenida de los Heroes and Boulevard Adolfo Lopez Mateos, number 201, Mexicali.

XXVIII. That on February 29 of 2016, this **DGIRA** received the office SGPA/DGVS/01748/16, dated 25 of the same month and year, through which the General Directorate of Wildlife submitted its technical opinion regarding the development of the **project**, in accordance with the provisions of **RESULT III** of this letter, and in which it made a series of observations, which are taken into consideration at the time of issuing the present resolution. Said information was integrated into the administrative file of the **project**, in accordance with the provisions of Article 26, section II of the **REIA**.

XXIX. That on March 02 of 2016, this **DGIRA** received the office UCPAST/16/182, dated 29 of February of 2016, of the Coordinating Unit of Social Participation and Transparency, through which I forward the originals of the following documentation generated from the Public Meeting of **project** information:

- 45 questions
- 16 formats of presentation requests
- Compact disc of the papers and printed documents of the gentlemen: Temoc Ávila Hernández, Julio Alfonso Mercado Rodríguez, Alejandra del Carmen León Gastelum, Cuauhtémoc Herrera Aguilar, Marco Gómez Meza, Guadalupe Acuña Álvarez, Diana Magdalena Ramírez Zazueta, Jesús Salvador López Urquijo, Jesús Antonio Jaramillo Echegaray, Ramona Rodríguez Ponce, Luis Antonio Gonzales Uribe and Juan Martin López Chávez.
- Announcement
- Compact disc of the **project** presentation of the **promoter** company



- 20 attendee log formats
- Observations of the advisory council for sustainable development based in Baja California.

Said information was integrated to the file in accordance with the provisions of Article 26, section I of the **REIA**.

XXX. That on March 04 of 2016, this **DGIRA** received the writing dated February 16 of the same year, where the president of the Cucapah indigenous community, Juana Aguilar Gonzalez, the community secretary Irene Ramos Villalobos and the Treasurer of the Commissariat of communal assets Olga Aguilar Gonzales, expressed their disagreement with the **project**, as it would affect the flora and fauna of indigenous lands "Cucapah", comments and observations are taken into consideration at the time of issuing this resolution. Said information was integrated into the administrative file of the **project**, in accordance with the provisions of Article 26, section II of the **REIA**.

XXXI. That on March 08 of 2016, this **DGIRA** received the office UCPAST/16/197, dated 07 of the same month and year, in scope to office UCPAST / 16/182 of February 29, 2016, of the coordinating unit of social participation and transparency of the SEMARNAT delegation in the state of Baja California, sent four originals duly initialed and signed, of the detailed minutes of the public meeting of information about the **project**.

XXXII. That on March 11, 2016, this **DGIRA** received the letter SGPA / DGVS / 02452/16 of the same date and in the scope of the letter SGPA / DGVS / DG / 01748/16 dated February 25 of the same year, broaden its opinion With respect to the development of the **project**, in accordance with what is established in **RESULT III** of this letter, and in which a series of observations were indicated, which are taken into consideration at the time of issuing the present resolution. Said information was integrated into the administrative file of the **project**, in accordance with the provisions of Article 26, section II of the **REIA**.

XXXIII. That on March 23, 2016, this **DGIRA** received the letter 401.F (4) 106.2016 / 250 dated March 17 of the same year, through which the center of the National Institute of Anthropology and History in the state of Baja California , Submitted his technical opinion regarding the development of the **project** and in which he made a series of observations, which are taken into consideration at the time of issuing the present resolution. Said information was integrated into the administrative file of the **project**, in accordance with the provisions of Article 26, section II of the **REIA**.

XXXIV. That on March 29, 2016, this **DGIRA** received the office DGPAIRS / 413/000233/2016 of the same date from the Directorate General of Environmental Policy and Regional and Sectorial Integration in accordance with the provisions of **RESULT III** of this letter, And in which, made a series of observations, which are taken into consideration at the time of issuing the present



resolution. Said information was integrated to the **project** file, as established in the article 26 fraction II of the **REIA**.

XXXV. That on March 31, 2016, this **DGIRA** requested a technical opinion from the secretariat of environmental protection in the state of Baja California by means of an official letter SGPA / **DGIRA** / DG / 2082 and in the scope of the SGPA / **DGIRA** / DG.08382 dated February 4, 2015, regarding the criteria of ecological regulation AH3 and HE02 established in the program of Ecological Order of the State of Baja California.

XXXVI. That on April 05, 2016, by means of the office SGPA/**DGIRA**/DG/2173/16 the request referred to the numeral XXV, of the present office, was revised.

XXXVII. That on April 12, 2016, by meand of the office SGPA/**DGIRA**/DG.2360 the **promoter** was notified about the technical opinion issued by the DGPAIRS regarding the **project**, so simple copy of the technical opinion was sent to it in order to express what its right agrees, based on article 24, second paragraph of the **REIA**.

XXXVIII. That on May 06, 2016, this **DGIRA** received the office SPA-MXL-1132/2016 from the Secretariat of Environmental Protection of the state of Baja California, in response to the office SGPA/**DGIRA**/DG/2082 dated March 31 of the same year, emitted its technical opinion regarding the **project** according to the established on it resulting XXXV of the present office, said information was integrated to the administrative file of the **project** according with the established in the article 26 fraction II of the **REIA**.

XXXIX. That on May 23, 2016, this **DGIRA** received the writing of the same date, through which the **promoter**, delivers the **I.A.** requested in the office SGPA / **DGIRA** / DG / 1108 dated 23 February of the same year.

XL. That on May 25, 2016, this **DGIRA** emitted the office SGPA/**DGIRA**/DG/03611, through which the **promoter** was notified of its determination to extend the term to emit the corresponding resolution to the **project**, for a period of 60 additional days as established in the articles 35 BIS, last paragraph of the **LGEEPA** and 46 fraction II of the **REIA**.

XLI. That on June 07, 2016, this **DGIRA** received the office DPA/ARA/12/2016 dated 03 of the same month and year, from the Environmental Protection Department of the municipality of Mexicali, through which it issued its technical opinion regarding the **project** in accordance with what is established in **RESULT III** of this document, of this office, in accordance with what is established in **RESULT III** of this document , and in which, made a series of observations, which are taken into consideration at the time of issuing the present resolution. Said information was integrated into the administrative file of the **project**, in accordance with what is established in article 26 section II of the **REIA**.



CONSIDERING:

1. That this **DGIRA** is competent to review, evaluate, and resolve the **MIA-R** of the **project**, in accordance with the provisions of articles 26 and 32 Bis fractions I and XI and XLII of the organic law of the federal public administration; 4, 5 fractions II, X, XI, XXII, 15 fractions I, IV, VI, XI, XII and XVI, 28 first paragraph and fractions II, VII, 30, 34 first and third paragraphs, 35 and 35 Bis of the **LGEEPA** ; 1, 2, 4, fractions I, III, IV, V and VII, 5 section K fractions I, II and III, section I fraction I, 9 first paragraph, 10 fraction I, 11 fraction III, 13, 21, 37, 38 first paragraph, 44 and 45 of the **REIA**; 2 fraction XX, 19 fraction XIII, XXV, XXIX; 28 fractions I and II of the Internal Regulation of SEMARNAT.
2. That by the description, characteristics and location of the activities that integrate the **project** this is of Federal competence in material of evaluation of environmental impact, being works and activities related to the electrical industry and for requiring the change of soil use of forest lands As provided in articles 28 fractions II and VII of the **LGEEPA** and 5 subsection K fractions I, II and III and paragraph O fraction I of their **REIA**.
3. That the Environmental Impact Assessment (PEIA) procedure is the mechanism envisaged by the **LGEEPA**, whereby the authority establishes the conditions for carrying out works and activities that may cause ecological imbalances or that can exceed the Limits and conditions laid down in the provisions applicable to protect the environment, with the aim of avoiding or minimizing their negative effects on ecosystems. In order to fulfill this purpose, the **promoter** presented an **MIA-R**, to request the authorization of the **project**, modality considered appropriate, because it is located in the hypothesis of the provisions of article 11, section III of the **REIA**.
4. That at the request of a member of the community of the locality of Ejido Heriberto Jara of the municipality Mexicali, state of Baja California; the **project** was opened to public consultation starting January 26, 2016, ending the same with the issuance of the present resolution. Likewise, this Secretary determined to subject it to the process of Public Information Meeting.
5. That this administrative unit, in compliance with the provisions of article 35 of the **LGEEPA**, once submitted the **MIA-R**, it began the evaluation procedure, in Environmental Impact for which it was reviewed that the request was in accordance with the formalities In this law, its regulations and applicable Mexican official standards; Therefore, once the respective file has been integrated, this **DGIRA** should be subject to the provisions of the aforementioned regulations, as well as to the urban development and environmental management programs in the area of environmental impact of the territory, the declarations of protected natural areas And other applicable legal provisions; Likewise, the possible effects of the works or activities in the ecosystem (s) in question should be evaluated, considering the set of elements that compromise them and not only the resources that, if any, would be subject to exploitation or affection. As a result, this **DGIRA** proceeds to start the evaluation of the **MIA-R** and **I.A.** of the



project, as provided by the article of merit and in terms of the established in the **REIA** for such effects.

Description of the works or activities and, in such case, of the programs or partial development plans.

6. That on fraction II of the article 13 of **REIA**, imposes the obligation on the **promoter** to include in the **MIA-R**, which is subject to evaluation, a description of the works or activities of the **project** and, if applicable, the partial development programs or plans.

In this sense, according to the **promoter**, the **project** is located south-west of the city of Mexicali, Baja California, along the Mexicali-San Luis Rio Colorado highway, and lies on the eastern slope of the Sierra Cucapah. The total area required for the **project** is 14,649.98 hectares.

The distribution of the required surfaces for the **project's** set of works is presented in the following table:

Work or Activity	Total surface has
Forest Conservation and Management (CA)	9,654.94
Real estate development of industrial parks, services and infrastructure (DI)	2,273.37
Photovoltaic plant (PV)	1,770.61
Extraction of petroleum materials (EP)	658.28
Management and revaluation of hazardous waste (MR)	292,78
TOTAL	14,649.98

Likewise, the description of each of the works and activities that are contemplated in the **project** is presented:

Real estate development of Industrial parks, services and infrastructure (DI)

Within the area destined for the development of these works includes:

Recycling industrial zone, whose main objective is the storage, recycling, processing, revaluation and commercialization of end-of-life vehicle waste, E-waste and household appliances, PET, plastic, among others to be used as



raw material for a new industrial process, as well as to prevent the disuse of useful materials, reduce energy consumption and consumption of new raw material.

International Center for Innovation and Entertainment in Recycling and Renewable Energies, which will provide training in particular on issues related to waste management and photovoltaic, which will allow professionals to contribute to the planning, design, construction, operation, innovation and implementation of technologies related to the recycling and use of renewable energy resources, applying the most advanced scientific and technological multidisciplinary knowledge and capable to manage and plan strategies for the promotion of renewable energies, always preserving and improving the aspects of the environment in their daily work.

Commercial and service area, which provides a physical and spatial ordering and organization of formal commercial activity, which could detonate the **project**, taking into account the various variables that operate in a complex activity such as commercial and Housing Unit for which the **promoter** will be associated with a consolidated global developer, integrate a housing **project** at the hands of Vizcarra foundation, and build housing units combining the housing needs of the **project** workers to be held in the Ejido. The lifting of HU has as a precept to enhance the concept of sustainable housing and sustainable community with a vision of urban growth of the city of Mexicali BCN with the world benchmark of the city of Masdar, Abu Dhabi, United Arab Emirates.

The coordinates of the DI are the following:

DI-1					
Vertex	Y	X	Vertex	Y	X
1	3,597,315.03	637,144.3	53	3,596,857.43	637,620.85
2	3,597,594.51	637,221.68	54	3,596,856.55	637,640.14
3	3,597,631.65	637,215.03	55	3,596,854.93	637,659.39
4	3,597,631.62	637,213.07	56	3,596,852.56	637,678.55
5	3,597,979.66	637,150.65	57	3,596,849.46	637,697.62
6	3,597,988.47	637,153.14	58	3,596,845.62	637,716.55
7	3,597,949.18	637,295.08	59	3,596,841.06	637,735.31
8	3,597,924.63	637,281.88	60	3,596,835.77	637,753.89
9	3,597,636.44	637,351.57	61	3,596,829.78	637,772.24
10	3,597,636.51	637,353.38	62	3,596,823.07	637,790.36
11	3,597,603.24	637,361.43	63	3,596,815.67	637,808.19



DI-1					
Vertex	Y	X	Vertex	Y	X
12	3,597,336.54	637,308.5	64	3,596,807.59	637,825.73
13	3,596,811.22	637,069.89	65	3,596,798.84	637,842.95
14	3,596,855.59	637,562.97	66	3,596,789.42	637,859.81
15	3,596,745.49	637,923.27	67	3,596,757.39	637,908.05
16	3,596,733.03	637,938.02	68	3,597,970.52	635,121.82
17	3,596,580.36	638,111.58	69	3,597,951.44	635,136.2
18	3,596,747.88	638,224.74	70	3,597,240.22	635,654.07
19	3,596,756.61	638,236.59	71	3,597,005.92	635,824.68
20	3,597,002.01	638,570.03	72	3,596,990.23	635,836.59
21	3,597,188.27	638,838.84	73	3,596,975.03	635,849.11
22	3,597,520.08	638,975.03	74	3,596,960.32	635,862.21
23	3,597,554.4	638,969.32	75	3,596,946.14	635,875.88
24	3,597,588.8	638,964.15	76	3,596,932.51	635,890.1
25	3,597,623.29	638,959.55	77	3,596,919.46	635,904.85
26	3,597,657.85	638,955.5	78	3,596,906.99	635,920.09
27	3,597,692.46	638,952.01	79	3,596,895.13	635,935.83
28	3,597,692.44	638,951.32	80	3,596,883.9	635,952.01
29	3,597,957.17	638,943.04	81	3,596,873.32	635,968.62
30	3,598,207.74	638,938.35	82	3,596,863.4	635,985.64
31	3,598,393.68	638,936.08	83	3,596,854.16	636,003.03
32	3,598,372.9	638,511.24	84	3,596,845.61	636,020.78
33	3,598,172.7	638,522.24	85	3,596,837.76	636,038.84
34	3,598,154.98	638,159.76	86	3,596,830.64	636,057.21
35	3,598,137.2	637,796.09	87	3,596,824.25	636,075.83
36	3,598,337.4	637,785.09	88	3,596,818.59	636,094.7
37	3,598,322.76	637,485.84	89	3,596,813.67	636,113.78
38	3,598,122.82	637,496.82	90	3,596,809.52	636,133.03
39	3,598,105.05	637,133.17	91	3,596,806.12	636,152.44



DI-1					
Vertex	Y	X	Vertex	Y	X
40	3,598,424.05	637,100.18	92	3,596,803.49	636,171.96
41	3,598,362.47	635,840.6	93	3,596,801.64	636,191.56
42	3,598,361.74	635,825.7	94	3,596,800.55	636,211.23
43	3,598,307.87	634,723.94	95	3,596,800.25	636,230.93
44	3,598,215.28	634,843.53	96	3,596,801.3	636,488.95
45	3,598,074.63	635,023.5	97	3,596,802.94	636,888.95
46	3,598,058.62	635,041.24	98	3,596,803.08	636,924.32
47	3,598,042.05	635,058.47	99	3,596,863.15	636,946.1
48	3,598,024.93	635,075.15	100	3,596,863.12	636,946.12
49	3,598,007.3	635,091.29	101	3,597,034.15	637,021.12
50	3,597,989.16	635,106.85	102	3,597,150.7	637,072.24
51	3,596,856.95	637,582.24	1	3,597,315.03	637,144.3
52	3,596,857.56	637,601.54			

DI-2					
Vertex	Y	X	Vertex	Y	X
1	3,603,153.82	630,984.96	2	3,603,312.13	630,882.18
3	3,602,712.73	631,261.12	4	3,602,764.31	631,315.94
1	3,603,153.82	630,984.96			

DI-3					
Vertex	Y	X	Vertex	Y	X
1	3,601,457.28	632,255.48	2	3,601,388.92	632,161.89
3	3,601,309.14	632,237.43	1	3,601,457.28	632,255.48



DI-4					
Vertex	Y	X	Vertex	Y	X
1	3,601,459.19	630,854.12	2	3,602,573.48	629,498.44
3	3,602,485.27	629,448.25	4	3,601,388.81	630,782.27
5	3,600,437.28	631,939.93	6	3,600,292.34	632,116.27
7	3,600,307.11	632,142.53	8	3,600,344.91	632,209.80
-9	3,600,514.54	632,003.43	1	3,601,459.19	630,854.12

DI-5					
Vertex	Y	X	Vertex	Y	X
1	3,600,813.45	632,340.72	2	3,600,481.75	632,154.21
3	3,600,381.67	632,275.21	4	3,600,508.52	632,500.90
5	3,599,922.86	632,829.89	6	3,599,857.29	632,909.16
7	3,600,141.57	632,805.34	1	3,600,813.45	632,340.72

DI-6					
Vertex	Y	X	Vertex	Y	X
1	3,599,916.94	635,700.61	2	3,599,980.04	635,690.51
3	3,599,846.92	634,842.02	4	3,599,669.87	633,234.27
5	3,599,639.46	633,336.95	6	3,599,616.58	633,471.27
7	3,599,607.18	633,547.61	8	3,599,768.97	635,724.73
1	3,599,916.94	635,700.61			

DI-7					
Vertex	Y	X	Vertex	Y	X
1	3,600,176.40	637,027.98	2	3,599,969.47	635,707.39
3	3,599,918.39	635,715.55	4	3,599,771.26	635,755.28
5	3,599,869.83	637,081.54	1	3,600,176.40	637,027.98



DI-8					
Vertex	Y	X	Vertex	Y	X
1	3,600,882.95	638,962.07	2	3,600,691.07	638,861.32
3	3,600,690.30	638,940.98	1	3,600,882.95	638,962.07

DI-9					
Vertex	Y	X	Vertex	Y	X
1	3,601,071.87	639,158.20	2	3,601,081.41	639,060.45
3	3,601,090.00	638,972.51	4	3,601,015.99	638,973.01
5	3,600,882.95	638,962.07	6	3,600,690.30	638,940.98
7	3,600,689.33	639,040.20	8	3,600,688.17	639,160.21
1	3,601,071.87	639,158.20			

DI-10					
Vertex	Y	X	Vertex	Y	X
1	3,601,020.80	639,538.73	2	3,601,054.12	639,340.02
3	3,601,071.87	639,158.20	4	3,600,688.17	639,160.21
5	3,600,684.12	639,576.90	1	3,601,020.80	639,538.73

DI-11					
Vertex	Y	X	Vertex	Y	X
1	3,600,884.02	638,941.96	2	3,601,011.00	638,954.08
3	3,601,080.99	638,949.99	4	3,601,040.20	638,822.99
5	3,600,808.91	638,138.24	6	3,601,004.28	638,097.76
7	3,600,989.53	637,915.99	8	3,600,990.00	637,665.01
9	3,600,957.99	637,529.02	10	3,600,873.72	637,387.29
11	3,600,867.32	637,356.93	12	3,600,887.21	637,259.41
13	3,600,944.00	636,873.99	14	3,600,798.54	636,902.81
15	3,600,793.40	636,941.52	16	3,600,423.00	636,995.02



DI-11					
Vertex	Y	X	Vertex	Y	X
17	3,600,453.76	637,333.47	18	3,600,516.00	637,540.51
19	3,600,473.69	637,764.00	20	3,600,653.89	638,401.00
21	3,600,693.97	638,835.03	1	3,600,884.02	638,941.96

DI-12					
Vertex	Y	X	Vertex	Y	X
1	3,600,302.65	638,664.90	2	3,600,424.01	638,699.86
3	3,600,565.19	638,729.31	4	3,600,622.95	638,771.33
5	3,600,680.33	638,823.29	6	3,600,639.18	638,403.97
7	3,600,458.72	637,764.87	8	3,600,501.03	637,541.52
9	3,600,439.08	637,336.56	10	3,600,408.68	637,002.58
11	3,599,885.72	637,094.05	12	3,599,959.61	638,087.56
13	3,599,984.09	638,413.73	14	3,599,995.04	638,485.98
15	3,600,064.68	638,488.32	16	3,600,136.62	638,493.91
1	3,600,302.65	638,664.90			

DI-13					
Vertex	Y	X	Vertex	Y	X
1	3,600,508.16	638,922.44	2	3,600,670.31	638,939.58
3	3,600,671.19	638,848.48	4	3,600,665.00	638,844.48
5	3,600,607.05	638,790.67	6	3,600,554.82	638,752.69
7	3,600,417.99	638,724.14	8	3,600,289.35	638,687.09
9	3,600,123.33	638,516.09	10	3,600,051.57	638,510.50
11	3,599,998.25	638,511.00	12	3,600,058.44	638,924.79
1	3,600,508.16	638,922.44			



DI-14					
Vertex	Y	X	Vertex	Y	X
1	3,600,668.16	639,160.31	2	3,600,669.33	639,040.31
3	3,600,670.31	638,939.58	4	3,600,508.16	638,922.44
5	3,600,058.44	638,924.79	6	3,600,063.97	638,962.79
7	3,600,077.19	639,043.39	8	3,600,131.32	639,373.12
9	3,600,339.16	639,372.03	10	3,600,306.42	639,161.77
1	3,600,668.16	639,160.31			

DI-15					
Vertex	Y	X	Vertex	Y	X
1	3,601,098.15	639,887.81	2	3,601,251.32	639,618.14
3	3,601,041.94	639,533.65	4	3,601,038.04	639,556.90
5	3,600,663.91	639,599.32	6	3,600,668.16	639,160.31
7	3,600,306.42	639,161.77	8	3,600,339.16	639,372.03
9	3,600,131.32	639,373.12	10	3,600,304.63	640,428.92
11	3,600,521.06	640,211.23	12	3,600,530.39	640,201.86
1	3,601,098.15	639,887.81			

DI-16					
Vertex	Y	X	Vertex	Y	X
1	3,599,340.76	636,884.78	2	3,599,776.30	636,839.74
3	3,599,744.29	636,414.23	4	3,599,693.81	635,743.18
5	3,599,612.57	634,662.96	6	3,599,529.04	633,552.45
7	3,599,543.58	633,456.93	8	3,599,565.83	633,322.64
9	3,599,650.77	633,098.78	10	3,599,639.11	633,009.43
11	3,599,622.00	633,026.59	12	3,599,568.07	633,080.64
13	3,599,488.53	633,146.21	14	3,599,461.69	633,170.30
15	3,599,451.28	633,174.58	16	3,599,440.37	633,179.80

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DI-16					
Vertex	Y	X	Vertex	Y	X
17	3,599,424.82	633,183.54	18	3,599,411.62	633,185.79
19	3,599,360.03	633,196.38	20	3,599,120.16	633,231.45
21	3,599,075.25	633,238.34	22	3,598,906.02	633,265.10
23	3,598,679.53	633,434.43	24	3,598,698.59	633,643.98
25	3,598,474.21	633,796.37	26	3,598,391.67	633,876.81
27	3,598,353.56	634,010.15	28	3,598,309.10	634,046.14
29	3,597,995.84	634,044.02	30	3,597,899.73	634,000.09
31	3,597,644.26	634,427.73	32	3,597,153.88	633,983.02
33	3,597,172.08	634,625.32	34	3,597,405.37	634,691.86
35	3,597,557.77	634,668.05	36	3,597,727.63	634,634.72
37	3,597,954.91	634,496.87	38	3,598,207.82	634,581.83
39	3,598,395.29	634,566.12	40	3,598,432.48	634,563.00
41	3,598,421.35	634,577.37	42	3,598,482.68	635,831.81
43	3,598,537.73	636,967.79	1	3,599,340.76	636,884.78

DI-17					
Vertex	Y	X	Vertex	Y	X
1	3,599,791.89	638,924.88	2	3,599,968.32	638,923.95
3	3,599,894.30	638,408.68	4	3,599,868.50	638,065.62
5	3,599,855.18	637,888.53	6	3,599,794.30	637,079.16
7	3,599,361.32	637,123.93	8	3,598,848.31	637,176.97
9	3,598,865.40	637,526.55	10	3,598,565.85	637,543.01
11	3,598,577.07	637,772.52	12	3,598,876.63	637,756.06
13	3,598,894.38	638,119.14	14	3,598,912.13	638,482.21
15	3,598,612.57	638,498.67	16	3,598,633.83	638,933.36
17	3,599,095.58	638,929.40	1	3,599,550.07	638,926.45



DI-18					
Vertex	Y	X	Vertex	Y	X
1	3,599,655.28	640,913.94	2	3,599,758.92	641,006.74
3	3,600,032.74	640,730.75	4	3,600,245.22	640,517.05
5	3,600,042.34	639,355.23	6	3,600,008.86	639,163.47
7	3,599,569.84	639,166.33	8	3,599,097.39	639,169.39
9	3,598,525.46	639,174.29	10	3,597,759.98	639,180.86
11	3,597,779.56	639,234.41	12	3,598,562.69	639,935.63
1	3,599,655.28	640,913.94			

DI-19					
Vertex	Y	X	Vertex	Y	X
1	3,597,951.43	635,136.20	2	3,597,970.52	635,121.82
3	3,597,989.16	635,106.85	4	3,598,007.30	635,091.29
5	3,598,024.93	635,075.15	6	3,598,042.05	635,058.47
7	3,598,058.62	635,041.24	8	3,598,074.63	635,023.50
9	3,598,090.08	635,005.25	10	3,598,215.26	634,843.56
11	3,598,059.65	634,967.05	12	3,597,983.45	635,043.25
13	3,597,883.96	635,121.57	14	3,597,771.78	635,206.23
15	3,597,623.61	635,263.38	16	3,597,447.93	635,324.76
17	3,597,293.40	635,407.30	18	3,597,197.28	635,515.17
19	3,597,202.01	635,681.90	1	3,597,951.43	635,136.20

DI-20					
Vertex	Y	X	Vertex	Y	X
1	3,596,695.63	639,305.20	2	3,596,729.26	639,283.21
3	3,596,763.29	639,261.85	4	3,596,797.71	639,241.12
5	3,596,832.52	639,221.03	6	3,596,867.68	639,201.60
7	3,596,903.21	639,182.83	8	3,596,939.08	639,164.73

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DI-20					
Vertex	Y	X	Vertex	Y	X
9	3,596,975.29	639,147.30	10	3,597,011.81	639,130.56
11	3,597,048.63	639,114.48	12	3,597,085.75	639,099.11
13	3,597,123.16	639,084.43	14	3,597,160.83	639,070.44
15	3,596,849.20	638,546.23	16	3,596,650.35	638,441.24
17	3,596,442.60	638,468.66	18	3,596,442.60	638,737.05
19	3,596,442.58	639,502.95	20	3,596,472.57	639,476.20
21	3,596,503.03	639,450.01	22	3,596,533.99	639,424.39
23	3,596,565.42	639,399.35	24	3,596,597.30	639,374.91
25	3,596,629.65	639,351.07	26	3,596,662.43	639,327.83
1	3,596,695.63	639,305.20			

DI-21					
Vertex	Y	X	Vertex	Y	X
1	3,597,690.63	639,327.65	2	3,597,296.03	639,152.37
3	3,597,178.49	639,100.17	4	3,597,160.83	639,070.44
5	3,597,123.16	639,084.43	6	3,597,085.75	639,099.11
7	3,597,048.63	639,114.48	8	3,597,011.81	639,130.56
9	3,596,975.29	639,147.30	10	3,596,939.08	639,164.73
11	3,596,903.21	639,182.83	12	3,596,867.68	639,201.60
13	3,596,832.52	639,221.03	14	3,596,797.71	639,241.12
15	3,596,763.29	639,261.85	16	3,596,729.26	639,283.21
17	3,596,695.63	639,305.20	18	3,596,662.43	639,327.83
19	3,596,629.65	639,351.07	20	3,596,597.30	639,374.91
21	3,596,565.42	639,399.35	22	3,596,533.99	639,424.39
23	3,596,503.03	639,450.01	24	3,596,472.57	639,476.20
25	3,596,442.58	639,502.95	26	3,596,442.58	639,637.52
27	3,596,506.71	639,607.69	28	3,596,536.16	639,594.00
29	3,596,830.71	639,505.84	30	3,597,087.68	639,548.36

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DI-21					
Vertex	Y	X	Vertex	Y	X
31	3,597,239.10	639,661.61	32	3,597,316.61	639,719.78
1	3,597,690.63	639,327.65			

DI-22					
Vertex	Y	X	Vertex	Y	X

1	3,599,097.39	639,169.39	2	3,599,569.84	639,166.33
3	3,600,008.86	639,163.47	4	3,599,987.97	639,043.86
5	3,599,974.26	638,965.30	6	3,599,968.32	638,923.95
7	3,599,791.89	638,924.88	8	3,599,550.07	638,926.45
9	3,599,095.58	638,929.40	10	3,598,633.83	638,933.36
11	3,598,612.57	638,498.67	12	3,598,912.13	638,482.21
13	3,598,894.38	638,119.14	14	3,598,876.63	637,756.06
15	3,598,577.07	637,772.52	16	3,598,565.85	637,543.01
17	3,598,865.40	637,526.55	18	3,598,848.31	637,176.97
19	3,599,361.32	637,123.93	20	3,599,794.30	637,079.16
21	3,599,776.30	636,839.74	22	3,599,340.76	636,884.78
23	3,598,538.09	636,967.75	24	3,598,537.73	636,967.79
25	3,598,482.18	635,831.84	26	3,598,482.68	635,831.81
27	3,598,421.35	634,577.37	28	3,598,307.87	634,723.94
29	3,598,361.74	635,825.70	30	3,598,362.47	635,840.60
31	3,598,424.05	637,100.18	32	3,598,105.05	637,133.17
33	3,598,122.82	637,496.82	34	3,598,322.76	637,485.84
35	3,598,337.40	637,785.09	36	3,598,137.20	637,796.09
37	3,598,154.98	638,159.76	38	3,598,172.70	638,522.24
39	3,598,372.90	638,511.24	40	3,598,393.68	638,936.08
41	3,598,207.74	638,938.35	42	3,597,957.17	638,943.04
43	3,597,692.46	638,952.01	44	3,597,657.85	638,955.50
45	3,597,623.29	638,959.55	46	3,597,588.80	638,964.15

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DI-22					
Vertex	Y	X	Vertex	Y	X

47	3,597,554.40	638,969.32	48	3,597,520.08	638,975.03
49	3,597,554.46	638,989.14	50	3,597,629.89	639,059.51
51	3,597,649.44	639,077.74	52	3,597,704.03	639,128.67
53	3,597,759.98	639,180.86	54	3,598,525.46	639,174.29
1	3,599,097.39	639,169.39			

Photovoltaic Plant (PV)

The polygon used for this work has a total area of 1771 hectares of which 1362 of them will be used. It will be an interconnected system to the electrical network without storage, there will be 322 arrangements of photovoltaic systems of 1.4MW installed each, being a total of 451 MW installed. These arrangements will consist of four systems consisting of 42 series of 29 photovoltaic panels of 250W each, installed in an area of approximately 2,470,000 m². Each photovoltaic panel is mounted on special supports for mounting at ground level, which raises them to 1.5 meters from the ground. Each series of photovoltaic panels has solar tracking of one axis, which increases the efficiency of each panel by 30 to 40%.

The photovoltaic panels used are mono-crystalline technology and their measured efficiency is of 18%. The standard capacity of each panel is 250W and its physical dimensions of 1.6 m by 0.9 m. The inverter modules with which each solar array counts are made up of 4 units of equipment, which deliver the alternating current to the concentrator substation to be injected into the national grid. The sun tracking system has a degree of freedom pivoting the photovoltaic panels on the north-south axis and orienting the panels from east to west so that the sun's rays come perpendicular to the panel at all times. The floor mounting system is pedestal type and raises the panels 1.5 meters from the floor to give space to the inclination of the panels, maintain it away from the heat of the floor and allow air circulation.

The spacing between series of photovoltaic panels is about 23 meters to avoid shadows between them and to allow proper maintenance of both the cells and solar tracking systems. Additionally there are service alleys that divide the arrangement. The paths that cross between the arrangements must be 100 m wide and provide the necessary clearance for maneuvers and maintenance.

The coordinates of the 15 polygons for the planting of photovoltaic panels are as follows:

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PV-1					
Vertex	X	Y	Vertex	X	Y
1	3,597,188.155	639,854.4488	2	3,597,079.613	639,750.9182
3	3,596,948.474	639,784.8746	4	3,596,839.932	639,784.8746
5	3,596,708.793	649,922.3614	6	3,596,600.251	639,818.8309
7	3,596,469.112	639,956.3178	8	3,596,360.57	639,852.7872
9	3,595,180.322	641,090.1692	10	3,595,288.864	641,193.6998
11	3,595,420.003	641,056.2129	12	3,595,745.629	641,366.8045
1	3,597,188.155	639,854.4488			

PV-2					
Vertex	Y	X	Vertex	Y	X
1	3,594,964.6981	640,878.9643	2	3,595,071.8130	640,983.9710
3	3,596,002.8717	640,034.2186	4	3,595,788.6419	639,824.2053
5	3,595,655.6335	639,959.8842	6	3,595,334.2887	639,780.5433
7	3,595,201.2803	639,780.5433	8	3,595,094.1654	639,675.5366
9	3,594,695.1402	643,082.5734	10	3,594,588.0253	639,977.5668
11	3,594,055.9917	640,520.2824	12	3,593,948.8768	640,415.2758
13	3,593,815.8684	640,550.9547	14	3,594,030.0982	640,760.9680
15	3,594,163.1066	640,625.2891	16	3,594,377.3365	640,983.3023
17	3,594,510.3449	640,699.6234	18	3,594,831.6897	641,014.6433
1	3,594,964.6981	640,878.9643			

PV-3					
Vertex	Y	X	Vertex	Y	X
1	3,595,442.0800	641,682.5642	2	3,595,138.4903	641,350.3997
3	3,594,998.2428	641,478.5817	4	3,594,897.0462	641,367.8602
5	3,593,775.0663	642,393.3167	6	3,593,876.2629	642,375.0382

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PV-3

Vertex	Y	X	Vertex	Y	X
7	3,594,016.5104	642,375.8562	8	3,594,320.1001	641,682.5642
1	3,595,442.0800	641,682.5642			

PV-4					
Vertex	Y	X	Vertex	Y	X
1	3,594,782.3489	641,304.5501	2	3,594,586.8579	641,076.9907
3	3,594,442.7370	641,200.8016	4	3,594,247.2460	640,973.2422
5	3,593,959.0041	641,220.8641	6	3,593,861.2586	641,107.0844
7	3,593,717.1376	641,230.8953	8	3,593,619.3922	641,117.1156
9	3,593,331.1502	641,364.7375	10	3,593,624.3867	641,706.0766
11	3,593,336.1448	641,953.6985	12	3,593,629.3812	642,295.0376
1	3,594,782.3439	641,304.5501			

PV-5					
Vertex	Y	X	Vertex	Y	X
1	3,593,893.2693	643,088.7594	2	3,593,488.4839	642,645.8725
3	3,592,927.4939	643,158.6008	4	3,593,332.2794	643,601.4876
1	3,593,893.2693	643,088.7594			

PV-6					
Vertex	Y	X	Vertex	Y	X
1	3,592,718.0171	642,922.2331	2	3,592,819.2135	643,032.9548
3	3,593,380.2034	642,520.2265	4	3,592,874.2216	641,966.6180
5	3,592,733.9741	642,094.8001	6	3,592,531.5814	641,873.3566
7	3,592,391.3339	641,001.5387	8	3,592,290.1375	641,890.8170
9	3,591,869.3950	642,275.3632	10	3,592,577.7696	643,050.4151
1	3,592,718.0171	642,922.2331			

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PV-7					
Vertex	Y	X	Vertex	Y	X
1	3,593,142.5560	643,836.3919	2	3,592,752.5640	643,380.4245
3	3,592,608.1743	643,503.9220	4	3,592,510.6763	643,389.9302
5	3,591,788.7280	644,007.4175	6	3,591,886.2261	644,121.4094
7	3,592,030.6157	643,997.9119	8	3,592,128.1137	644,111.9037
9	3,592,272.5034	643,988.4063	10	3,592,467.4994	644,216.3899
11	3,592,611.8890	644,092.8925	12	3,592,709.3871	644,206.8843
1	3,593,142.5560	643,836.3919			

PV-8					
Vertex	Y	X	Vertex	Y	X
1	3,591,464.7016	644,213.2025	2	3,592,475.4292	643,348.7202
3	3,592,377.9311	643,234.7284	4	3,592,233.5415	643,358.2258
5	3,592,038.5455	643,130.2422	6	3,591,894.1558	643,253.7396
7	3,591,601.6618	642,911.7641	8	3,591,457.2721	643,035.2616
9	3,519,359.7741	642,921.2698	10	3,590,782.2155	643,415.2597
1	3,591,464.7016	644,213.2025			

PV-9					
Vertex	Y	X	Vertex	Y	X
1	3,592,331.1775	644,530.3696	2	3,592,233.6795	644,416.3777
3	3,592,089.2898	644,539.8752	4	3,591,991.7918	644,425.8834
5	3,591,847.4022	644,549.3809	6	3,591,749.9042	644,435.3890
7	3,591,605.5145	644,558.8865	8	3,591,508.0165	644,444.8947
9	3,591,363.6268	644,568.3922	10	3,591,266.1288	644,454.4003
11	3,589,966.6220	645,565.8777	12	3,590,161.6180	645,793.8613
13	3,590,594.7869	645,423.3689	14	3,590,887.2810	645,765.3444

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PV-9

Vertex	Y	X	Vertex	Y	X
1	3,592,331.1775	644,530.3696			

PV-10					
Vertex	Y	X	Vertex	Y	X
1	3,591,027.4498	644,604.7352	2	3,590,929.9518	644,490.7434
3	3,590,785.5622	644,614.2408	4	3,590,688.0641	644,500.2490
5	3,590,543.6745	644,623.7465	6	3,590,446.1765	644,509.7547
7	3,590,013.0075	644,880.2471	8	3,589,915.5095	644,766.2553
9	3,589,771.1199	644,889.7528	10	3,590,063.6139	645,231.7283
11	3,589,919.2242	645,355.2257	12	3,590,016.7223	644,604.7352
1	3,591,027.4498	644,604.7352			

PV-11					
Vertex	Y	X	Vertex	Y	X
1	3,589,830.5408	646,127.0488	2	3,589,638.6006	645,896.4865
3	3,589,200.5322	646,261.1729	4	3,589,296.5023	646,376.4540
5	3,589,150.4796	646,498.0161	6	3,589,246.4496	646,613.2973
1	3,589,830.5408	646,127.0488			

PV-12					
Vertex	Y	X	Vertex	Y	X
1	3,589,792.3738	645,650.4077	2	3,589,696.4037	645,535.1266
3	3,589,550.3809	645,656.6887	4	3,589,454.4108	645,541.4075
5	3,589,308.3880	645,662.9697	6	3,589,121.4179	645,547.6885
7	3,588,920.3724	645,790.8128	8	3,589,112.3126	646,021.3750
9	3,588,966.2898	646,142.9327	10	3,589,062.2599	646,258.2138
1	3,589,792.3738	645,650.4077			

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PV-13					
Vertex	Y	X	Vertex	Y	X
1	3,596,221.4988	639,716.7304	2	3,596,354.5072	639,581.0515
3	3,596,247.3923	639,476.0449	4	3,596,380.4006	639,340.3660
5	3,596,273.2857	639,235.3593	6	3,595,874.2605	639,642.3961
7	3,595,981.3755	639,747.4027	8	3,596,114.3839	639,611.7238
1	3,596,221.4988	639,716.7304			

PV-14					
Vertex	Y	X	Vertex	Y	X
1	3,596,273.2857	639,235.3593	2	3,596,406.2941	639,009.6804
3	2,596,299.1792	638,994.6738	4	3,596,166.1708	639,130.3527
1	3,596,273.2857	639,235.3593			

PV-15					
Vertex	Y	X	Vertex	Y	X
1	3,596,252.0073	638,991.0168	2	3,596,385.0157	638,855.3379
3	3,596,277.9008	638,750.3312	4	3,596,410.9092	638,614.6523
5	3,596,303.7942	638,509.6457	6	3,596,037.7775	638,781.0035
1	3,596,252.0073	638,991.0168			

The polygons in which the photovoltaic panels will be installed will be inside the total polygon of the photovoltaic (PV) work whose coordinates are:

FV-1					
Vertex	Y	X	Vertex	Y	X
1	3,589,035.75	646,788.70	2	3,589,018.05	646,674.38
3	3,588,393.82	647,192.22	4	3,588,480.85	647,249.77
1	3,589,035.75	646,788.70			

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FV-2					
Vertex	Y	X	Vertex	Y	X
1	3,589,530.98	646,377.22	2	3,589,584.05	646,333.13
3	3,589,830.54	646,127.05	4	3,589,798.35	645,685.23
5	3,589,787.71	645,539.13	6	3,589,634.05	645,212.63
7	3,589,630.04	645,492.20	8	3,589,134.33	645,503.00
9	3,588,883.39	645,804.75	10	3,589,018.05	646,674.38
11	3,589,018.09	646,674.35	12	3,589,035.75	646,788.70
1	3,589,530.98	646,377.22			

FV-3					
Vertex	Y	X	Vertex	Y	X
1	3,591,250.16	645,454.97	2	3,592,476.19	644,406.34
3	3,592,484.91	644,398.88	4	3,591,224.84	644,459.77
5	3,591,108.92	644,465.37	6	3,590,287.66	644,556.72
7	3,590,139.86	644,721.22	8	3,589,933.53	644,677.25
9	3,589,745.42	644,858.65	10	3,589,956.09	645,447.37
11	3,589,964.31	645,542.66	12	3,589,991.89	645,862.13
13	3,590,002.34	645,983.42	14	3,590,594.63	645,488.23
15	3,590,783.72	645,743.60	16	3,590,833.49	645,811.36
1	3,591,250.16	645,454.97			

FV-4					
Vertex	Y	X	Vertex	Y	X
1	3,592,306.42	644,188.51	2	3,592,505.01	644,248.85
3	3,592,619.45	644,283.80	4	3,593,230.19	643,761.44
5	3,592,645.90	643,301.73	6	3,592,600.97	643,277.57
7	3,592,394.01	643,166.26	8	3,591,901.70	643,139.98
9	3,591,753.53	642,954.77	10	3,591,110.39	642,867.47

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FV-4					
Vertex	Y	X	Vertex	Y	X
11	3,590,950.76	643,182.71	12	3,590,553.69	643,377.58
13	3,591,151.56	643,862.00	14	3,591,126.66	644,195.14
15	3,591,322.06	644,240.35	16	3,591,554.42	644,176.63
17	3,591,552.29	644,178.46	18	3,591,753.43	644,220.26
19	3,591,991.03	644,186.40	1	3,592,306.42	644,188.51

FV-5					
Vertex	Y	X	Vertex	Y	X
1	3,593,270.74	643,578.34	2	3,593,358.72	643,645.06
3	3,593,647.32	643,381.29	4	3,594,051.87	643,011.54
5	3,593,684.77	642,819.15	6	3,593,425.77	642,569.00
7	3,593,391.29	642,535.69	8	3,593,366.49	642,368.71
9	3,593,135.09	642,016.75	10	3,592,754.09	641,908.26
11	3,592,539.67	641,814.27	12	3,591,957.52	641,999.51
13	3,591,719.95	642,566.63	14	3,592,116.01	642,687.55
15	3,592,708.67	643,153.22	16	3,592,728.37	643,168.12
1	3,593,270.74	643,578.34			

FV-6					
Vertex	Y	X	Vertex	Y	X
1	3,594,760.88	642,363.54	2	3,595,026.41	642,120.84
3	3,595,573.16	641,547.62	4	3,595,371.75	641,411.66
5	3,595,126.19	641,356.15	6	3,594,974.38	641,280.55
7	3,594,922.11	641,221.86	8	3,594,834.10	641,123.02
9	3,594,379.00	641,014.15	10	3,594,208.18	640,937.54
11	3,593,856.09	641,111.99	12	3,593,154.60	641,198.77
13	3,593,418.21	641,552.62	14	3,593,499.57	641,772.00

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FV-6					
Vertex	Y	X	Vertex	Y	X
15	3,593,325.79	641,999.76	16	3,593,498.37	642,337.32
17	3,593,615.53	642,405.99	18	3,593,790.46	642,508.52
19	3,593,962.97	642,545.57	20	3,594,261.89	642,684.14
21	3,594,360.08	642,729.85	1	3,594,760.88	642,363.54

FV-7					
Vertex	Y	X	Vertex	Y	X
1	3,596,939.62	639,675.63	2	3,596,711.02	639,726.43
3	3,596,266.53	639,878.82	4	3,596,237.14	639,880.44
5	3,595,921.50	639,897.86	6	3,595,686.56	639,811.08
7	3,595,256.56	639,621.59	8	3,594,258.14	640,132.54
9	3,594,176.73	640,400.04	10	3,593,880.99	640,357.34
11	3,593,704.55	640,726.66	12	3,594,274.10	640,756.30
13	3,594,428.68	640,887.50	14	3,594,798.68	640,989.37
15	3,595,015.87	641,126.23	16	3,595,179.84	641,229.55
17	3,595,618.30	641,296.29	18	3,595,647.95	641,324.31
19	3,595,720.53	641,393.12	20	3,595,787.66	641,322.74
1	3,596,786.47	640,275.57			

FV-8					
Vertex	Y	X	Vertex	Y	X
1	3,596,442.60	638,468.66	2	3,596,412.47	638,472.64
3	3,595,918.44	638,624.40	4	3,596,186.26	639,044.17
5	3,596,091.19	639,312.61	6	3,595,939.25	639,495.58
7	3,595,691.54	639,653.94	8	3,595,980.53	639,756.06
9	3,596,251.72	639,726.29	1	3,596,442.58	639,637.52

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Regarding the complementary works, only a double-circuit electrical transmission line in 400 kV which will be connected with an electric substation that will be built outside the project's polygon; The length of this LT will be 9.8 km, although they are separated by the areas of protection of runoff that cross that area.

The following table shows the coordinates of the LT:

Vertex	Y	X
LT1	3596441.73 mN	639649.76 mE
LT2	3589158.40 mN	646332.96 mE
LT3	3598123.71 mN	646531.03 mE
LT4	3589003.84 mN	646693.41 mE

Extraction of petroleum materials (EP)

The area contemplated for this activity will be 658.28 hectares, the materials that are intended to be submitted to the extraction process and its characteristics are as follows:

Shredded base of 0.5"

Gravel of ¾", direct extraction and shredding.

Gravel of 1/2", direct extraction and shredding.

Material for coating in harsh soil for direct extraction.

Seal (Gravel of 3/8") product of direct extraction, crushing and screening.

Silica sands (in case the exploration work proves its existence).

The **promoter** stated that the areas of extraction of petroleum materials have been selected for this activity by the geological aptitudes and also that they do not present a risky proximity for some population center. In addition to the site where the extraction of petroleum materials has been carried out since about 1960 and in that area there are a number of impacts due to this exploitation such as cavities and roads for the transport of materials. In this case, the nearest town, the village of Ejido Heriberto Jara is located more than 1.7 km.

The areas that have been selected for the extraction of petroleum materials within the project polygon are concentrated in two large polygons for this activity, one located in the northern part and the other located in the southern part; the latter is shown divided into four polygons due to

to which the areas of pluvial runoff that traverse said polygon have been bounded, in which no extractions of petroleum materials were made.

In the case of the polygon for extraction of petroleum materials in the south, the nearest population is located more than 4 km away. On the other hand, in this case the promoter carried out 5 samplings at the site to verify the geological suitability.

The coordinates of the PE (Extraction of petroleum):

EP-1					
Vertex	Y	X	Vertex	Y	X
1	3,598,127.20	633,590.09	2	3,598,159.88	633,535.40
3	3,598,219.11	633,501.60	4	3,598,231.91	633,496.96
5	3,598,272.36	633,410.30	6	3,598,265.41	633,365.15
7	3,598,682.72	633,199.13	8	3,598,638.26	633,148.22
9	3,598,233.93	632,685.25	10	3,598,001.28	632,741.91
11	3,597,813.01	632,900.44	12	3,597,684.84	633,188.87
13	3,597,936.25	633,416.89	14	3,597,936.30	633,416.94
15	3,597,939.23	633,494.92	16	3,597,996.93	633,471.94
1	3,598,127.20	633,590.09			

EP-2					
Vertex	Y	X	Vertex	Y	X
1	3,598,906.02	633,265.10	2	3,599,075.25	633,238.34
3	3,599,120.16	633,231.45	4	3,598,946.10	633,013.95
5	3,598,652.68	633,141.93	6	3,598,707.96	633,205.23
7	3,598,282.05	633,374.68	8	3,598,287.88	633,412.52
9	3,598,242.87	633,508.94	10	3,598,225.43	633,515.27
11	3,598,170.72	633,546.47	12	3,597,899.73	634,000.09
13	3,597,995.84	634,044.02	14	3,598,309.10	634,046.14
15	3,598,353.56	634,010.15	16	3,598,391.67	633,876.81
17	3,598,474.21	633,796.37	18	3,598,698.59	633,643.98
19	3,598,679.53	633,434.43	1	3,598,906.02	633,265.10

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EP-3					
Vertex	Y	X	Vertex	Y	X
1	3,585,019.03	650,704.74	2	3,585,208.01	650,003.72
3	3,585,103.92	649,800.11	4	3,584,950.91	649,500.84
5	3,584,852.07	649,844.51	6	3,584,543.83	650,148.19
7	3,584,502.63	650,315.25	8	3,584,141.80	650,742.14
9	3,584,238.59	651,090.80	10	3,584,545.18	651,657.20
11	3,584,545.60	651,657.11	12	3,584,698.13	651,529.07
1	3,585,019.03	650,704.74			

EP-4					
Vertex	Y	X	Vertex	Y	X
1	3,585,957.99	649,454.98	2	3,586,217.73	649,190.96
3	3,586,180.11	649,129.12	4	3,586,159.82	649,095.77
5	3,586,149.03	649,078.03	6	3,585,639.92	648,241.08
7	3,585,574.50	648,400.20	8	3,585,708.31	648,936.01
9	3,585,668.44	649,070.59	10	3,585,294.07	649,469.72
11	3,585,425.36	649,576.99	12	3,585,462.98	649,607.73
13	3,585,656.16	649,761.79	1	3,585,957.99	649,454.98

EP-5					
Vertex	Y	X	Vertex	Y	X
1	3,586,545.16	648,858.11	2	3,586,860.65	648,595.97
3	3,586,815.99	648,539.41	4	3,586,803.28	648,523.31
5	3,586,184.01	647,739.20	6	3,585,896.52	648,014.70
7	3,585,734.03	648,012.16	8	3,585,772.18	648,234.27
9	3,585,966.72	648,448.07	10	3,585,988.94	648,541.74
11	3,586,385.05	648,904.79	12	3,586,401.13	648,919.53

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EP-5					
Vertex	Y	X	Vertex	Y	X
13	3,586,445.03	648,959.89	1	3,586,545.16	648,858.11

EP-6					
Vertex	Y	X	Vertex	Y	X
1	3,588,313.55	647,139.25	2	3,588,057.03	647,104.02
3	3,587,499.10	647,269.23	4	3,587,091.16	647,139.71
5	3,586,874.96	647,177.00	6	3,586,591.79	647,102.99
7	3,586,641.74	647,594.87	8	3,587,080.71	648,281.58
9	3,587,094.55	648,303.22	10	3,587,105.70	648,320.66
11	3,587,135.64	648,367.49	1	3,588,480.85	647,249.77

Hazardous Waste Management and Revalorization (MR)

The promoter described some hazardous waste management activities that could be carried out in the area, however it mentioned on page 26 of the I.A. That "as mentioned in the document originally entered that my represented does not intend to carry out the construction and operation of facilities for the management and revaluation of waste and that the purpose of this process is to obtain the authorization on the subject of change of use So that my representative can develop the services in all the indicated areas of the project for urbanization, infrastructure and services, except for the areas of conservation and forest use, as well as the areas that correspond with activities of mitigation or environmental compensation , Where buildings would not be made for productive purposes. " It also reiterates on page 79 of the I.A. That "my representative does not intend to carry out the activity of construction and operation of facilities or buildings for the recycling of waste management special, but to enable the corresponding polygon of land for this activity in regard to change of land use, So that we can detonate the actions of urbanization and services in the project ... "

The MR coordinates are:

MR					
Vertex	Y	X	Vertex	Y	X
1	3,602,681.40	631,222.10	2	3,602,690.83	631,232.55

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MR					
Vertex	Y	X	Vertex	Y	X
3	3,603,301.40	630,844.63	4	3,603,098.43	630,114.81
5	3,602,843.46	629,957.21	6	3,602,812.88	629,634.66
7	3,602,644.92	629,539.10	8	3,601,603.85	630,797.63
9	3,601,166.07	631,326.89	10	3,601,676.35	631,862.02
11	3,602,102.05	631,594.10	14	3,601,267.71	632,232.85
15	3,601,368.01	632,130.53	16	3,601,550.68	631,941.10
17	3,601,598.02	631,911.32	18	3,601,111.02	631,393.44
19	3,601,077.79	631,433.62	20	3,600,481.75	632,154.21
21	3,600,813.45	632,340.72	1	3,601,016.89	632,200.00

Forest Conservation and Management (CA)

In this area, the management and use of forests and forest lands is sought in such a way and with such intensity that they preserve their biological diversity, their productivity, their capacity for regeneration, their vitality and their capacity to fulfill, in the present and future, the relevant ecological, economic and social functions, without causing damage to other ecosystems.

The coordinates of the CA are:

CA					
Vertex	Y	X	Vertex	Y	X
1	3,593,816.73	640,246.83	2	3,594,105.95	640,288.59
3	3,594,175.41	640,060.38	4	3,594,354.00	639,977.70
5	3,594,469.76	639,855.33	6	3,594,717.80	639,759.42
7	3,594,883.16	639,693.28	8	3,595,237.55	639,519.22
9	3,595,486.42	639,541.80	10	3,595,807.88	639,410.83
11	3,596,006.32	639,252.08	14	3,596,073.79	639,061.58
15	3,595,895.20	638,827.42	16	3,595,811.85	638,628.99
17	3,595,863.44	638,466.26	18	3,596,149.19	638,486.11
19	3,596,300.01	638,414.67	20	3,596,276.20	638,267.83
21	3,596,407.16	638,117.02	22	3,596,470.67	637,922.55

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CA					
Vertex	Y	X	Vertex	Y	X
23	3,596,228.57	637,878.89	24	3,596,176.98	637,771.73
25	3,596,153.16	637,620.92	26	3,596,212.70	637,406.61
27	3,596,065.85	637,279.61	28	3,595,950.75	637,200.23
29	3,595,946.80	637,069.26	30	3,596,034.11	636,890.67
31	3,595,994.42	636,731.92	32	3,596,089.67	636,620.79
33	3,596,161.10	636,541.42	34	3,596,141.26	636,426.32
35	3,596,015.93	636,456.14	36	3,595,994.77	636,233.89
37	3,596,133.32	636,160.42	38	3,596,254.06	636,087.05
39	3,596,389.00	636,071.17	40	3,596,579.50	636,110.85
41	3,596,897.00	635,892.58	42	3,596,725.02	635,784.10
43	3,597,008.12	635,646.51	44	3,597,103.37	635,440.14
45	3,596,988.28	635,459.98	46	3,596,756.77	635,540.68
47	3,596,534.52	635,598.89	48	3,596,345.34	635,523.48
49	3,596,039.75	635,491.73	50	3,595,780.10	635,521.45
51	3,595,590.93	635,284.64	52	3,595,437.47	635,210.56
53	3,595,474.51	635,025.35	54	3,595,780.46	634,852.76
55	3,596,012.96	634,795.06	56	3,596,343.16	634,670.17
57	3,596,495.56	634,543.18	58	3,596,736.86	634,176.99
59	3,596,903.18	633,755.63	60	3,596,408.40	633,306.88
61	3,596,724.84	632,777.21	62	3,597,029.44	633,053.48
63	3,597,207.30	632,755.74	64	3,597,684.84	633,188.87
65	3,597,813.01	632,900.44	66	3,598,001.28	632,741.91
67	3,598,233.93	632,685.25	68	3,598,470.60	632,700.41
69	3,598,516.06	632,747.84	70	3,598,615.98	632,719.80
71	3,598,644.65	632,556.79	72	3,598,554.96	632,513.36
73	3,598,776.61	632,389.28	74	3,598,537.53	631,867.76
75	3,599,183.01	631,496.50	76	3,599,056.11	631,377.38
77	3,598,338.48	630,703.48	78	3,600,246.72	628,594.06

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CA					
Vertex	Y	X	Vertex	Y	X
79	3,600,375.38	628,451.82	80	3,600,497.27	628,317.10
81	3,599,295.30	627,633.19	82	3,599,173.42	627,767.91
83	3,599,044.75	627,910.15	84	3,595,174.85	632,188.05
85	3,594,198.95	633,266.83	86	3,593,355.34	634,199.38
87	3,592,542.16	635,098.31	88	3,591,953.97	635,748.50
89	3,590,994.11	636,809.55	90	3,590,028.73	637,876.72
91	3,589,057.26	638,950.61	92	3,588,068.83	640,043.24
93	3,587,055.92	641,162.95	94	3,586,009.86	642,319.28
95	3,584,864.79	643,585.07	96	3,583,199.55	645,424.02
97	3,583,299.59	646,126.21	98	3,584,078.22	650,617.94
99	3,584,209.45	650,467.66	100	3,598,537.53	631,867.76
101	3,599,183.01	631,496.50	102	3,599,056.11	631,377.38
103	3,598,338.48	630,703.48	104	3,600,246.72	628,594.06
105	3,600,375.38	628,451.82	106	3,600,497.27	628,317.10
107	3,599,295.30	627,633.19	108	3,599,173.42	627,767.91
109	3,599,044.75	627,910.15	110	3,595,174.85	632,188.05
111	3,594,198.95	633,266.83	112	3,593,355.34	634,199.38
113	3,592,542.16	635,098.31	114	3,591,953.97	635,748.50
115	3,585,597.99	648,956.35	116	3,585,472.58	648,792.31
117	3,585,546.66	648,667.96	118	3,585,469.93	648,398.09
119	3,585,530.79	648,212.88	120	3,585,575.77	648,088.52
121	3,585,676.31	647,911.25	122	3,585,845.64	647,913.90
123	3,585,951.47	647,765.73	124	3,586,176.37	647,670.48
125	3,586,263.69	647,551.42	126	3,586,308.66	647,495.85
127	3,586,149.91	647,281.54	128	3,586,186.95	647,112.20
129	3,586,340.41	647,106.91	130	3,586,380.10	646,977.27
131	3,586,536.20	646,797.35	132	3,586,737.29	646,903.19
133	3,586,901.33	647,022.25	134	3,587,068.02	647,014.31

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CA					
Vertex	Y	X	Vertex	Y	X
135	3,587,237.35	647,059.29	136	3,587,348.48	647,114.85
137	3,587,478.12	647,157.18	138	3,587,623.64	647,038.12
139	3,587,687.15	647,011.66	140	3,587,726.83	647,109.56
141	3,587,808.85	647,061.94	142	3,587,970.25	647,027.54
143	3,588,041.68	647,003.73	144	3,588,187.20	647,006.37
145	3,588,353.89	647,046.06	146	3,588,474.26	647,125.50
147	3,588,929.07	646,748.18	148	3,588,824.20	646,377.33
149	3,588,820.89	646,056.51	150	3,588,777.73	645,775.31
151	3,589,091.26	645,398.28	152	3,589,297.64	645,418.13
153	3,589,515.41	645,398.36	154	3,589,571.64	645,229.69
155	3,589,531.95	644,925.42	156	3,589,902.38	644,568.23
157	3,590,104.11	644,611.22	158	3,590,228.98	644,472.24
159	3,590,456.51	644,382.28	160	3,590,760.79	644,403.44
161	3,590,969.81	644,382.28	162	3,591,056.62	644,211.04
163	3,591,010.32	644,029.14	164	3,591,033.47	643,929.93
165	3,590,947.48	643,810.86	166	3,590,706.04	643,665.34
167	3,590,497.68	643,480.13	168	3,590,415.00	643,337.92
169	3,590,570.45	643,255.23	170	3,590,778.81	643,152.71
171	3,590,884.64	643,103.10	172	3,590,967.16	642,987.92
173	3,591,035.96	642,770.96	174	3,591,252.91	642,760.38
175	3,591,423.73	642,719.45	176	3,591,562.64	642,633.46
177	3,591,642.01	642,487.94	178	3,591,668.47	642,312.65
179	3,591,694.93	642,177.06	180	3,591,813.99	642,071.22
181	3,591,890.56	641,905.78	182	3,592,111.65	641,882.71
183	3,592,353.08	641,773.56	184	3,592,541.60	641,707.42
185	3,592,743.34	641,786.79	186	3,593,089.13	641,858.15
187	3,593,226.71	641,866.08	188	3,593,414.72	641,790.10
189	3,593,332.04	641,604.89	190	3,593,173.29	641,406.45

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CA					
Vertex	Y	X	Vertex	Y	X
191	3,592,945.09	641,082.34	192	3,593,077.38	640,748.30
193	3,593,431.26	640,695.39	194	3,593,609.85	640,629.24
195	3,593,699.15	640,546.56	1	3,593,816.73	640,246.83

In order for the complete polygons to be consistent with the polygon of the **project**, the **promoter** presented the following coordinates of the areas of protection of runoff.

Runoff 1					
Vertex	Y	X	Vertex	Y	X
1	3,597,771.77	635,206.24	2	3,597,883.95	635,121.57
3	3,597,983.44	635,043.26	4	3,598,059.64	634,967.06
5	3,598,215.27	634,843.55	6	3,598,432.48	634,563.00
7	3,598,207.82	634,581.83	8	3,597,954.91	634,496.87
9	3,597,727.63	634,634.72	10	3,597,557.77	634,668.05
11	3,597,405.37	634,691.86	12	3,597,172.08	634,625.32
13	3,597,181.75	634,967.02	14	3,597,197.28	635,515.17
15	3,597,293.40	635,407.31	16	3,597,447.92	635,324.77
17	3,597,623.60	635,263.39	1	3,597,771.77	635,206.24

Runoff 2					
Vertex	Y	X	Vertex	Y	X
1	3,584,545.18	651,657.20	2	3,584,238.59	651,090.80
3	3,584,141.80	650,742.14	4	3,583,978.52	650,935.31
5	3,584,092.94	651,745.72	1	3,584,545.18	651,657.20

Runoff 3					
Vertex	Y	X	Vertex	Y	X
1	3,585,208.01	650,003.72	2	3,585,289.49	649,701.49

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Runoff 3					
Vertex	Y	X	Vertex	Y	X
3	3,585,571.88	649,746.21	4	3,585,612.09	649,806.58
5	3,585,619.26	649,799.30	6	3,585,656.16	649,761.79
7	3,585,462.98	649,607.73	8	3,585,425.36	649,576.99
9	3,585,294.07	649,469.72	10	3,585,229.62	649,538.45
11	3,584,974.62	649,418.44	12	3,584,950.91	649,500.84
13	3,585,103.92	649,800.11	1	3,585,208.01	650,003.72

Runoff 4					
Vertex	Y	X	Vertex	Y	X
1	3,586,217.73	649,190.96	2	3,586,445.03	648,959.89
3	3,586,400.21	648,918.81	4	3,586,384.98	648,904.85
5	3,585,988.88	648,541.79	6	3,585,966.66	648,448.13
7	3,585,772.12	648,234.32	8	3,585,733.99	648,012.26
9	3,585,639.92	648,241.08	10	3,586,149.03	649,078.03
11	3,586,159.82	649,095.77	12	3,586,180.11	649,129.12
1	3,586,217.73	649,190.96			

Runoff 5					
Vertex	Y	X	Vertex	Y	X
1	3,586,803.28	648,523.31	2	3,586,815.99	648,539.41
3	3,586,860.65	648,595.97	4	3,587,093.44	648,402.55
5	3,587,135.64	648,367.49	6	3,587,105.70	648,320.66
7	3,587,094.55	648,303.22	8	3,587,080.71	648,281.58
9	3,586,641.74	647,594.87	10	3,586,591.79	647,102.99
11	3,586,457.72	647,067.95	12	3,586,282.65	647,292.74
13	3,586,435.12	647,498.57	14	3,586,184.01	647,739.20
1	3,586,803.28	648,523.31			

Runoff 6					
Vertex	Y	X	Vertex	Y	X
1	3,590,002.34	645,983.42	2	3,589,966.47	645,567.82
3	3,589,964.31	645,542.66	4	3,589,956.11	645,447.54
5	3,589,745.39	644,858.67	6	3,589,637.64	644,962.56
7	3,589,634.05	645,212.63	8	3,589,787.71	645,539.13
9	3,589,798.35	645,685.23	10	3,589,830.54	646,127.05
1	3,590,002.34	645,983.42			

Runoff 7					
Vertex	Y	X	Vertex	Y	X
1	3,592,484.91	644,398.88	2	3,592,619.45	644,283.80
3	3,592,505.01	644,248.85	4	3,592,306.42	644,188.51
5	3,591,991.03	644,186.40	6	3,591,753.43	644,220.26
7	3,591,549.70	644,177.93	8	3,591,322.06	644,240.35
9	3,591,126.63	644,195.13	10	3,591,106.42	644,465.49
11	3,591,224.84	644,459.77	1	3,592,484.91	644,398.88

Runoff 8					
Vertex	Y	X	Vertex	Y	X
1	3,592,394.01	643,166.26	2	3,592,600.97	643,277.57
3	3,592,645.90	643,301.73	4	3,593,230.19	643,761.44
5	3,593,248.83	643,745.49	6	3,593,358.72	643,645.06
7	3,593,270.74	643,578.34	8	3,592,728.37	643,168.12
9	3,592,708.67	643,153.22	10	3,592,116.01	642,687.55
11	3,591,719.84	642,566.60	12	3,591,633.07	642,773.74
13	3,591,110.41	642,867.43	14	3,591,110.39	642,867.47
15	3,591,753.53	642,954.77	16	3,591,901.70	643,139.98

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Runoff 8					
Vertex	Y	X	Vertex	Y	X
1	3,592,394.01	643,166.26			

Runoff 9					
Vertex	Y	X	Vertex	Y	X
1	3,594,051.87	643,011.54	2	3,594,140.28	642,930.74
3	3,594,360.08	642,729.85	4	3,594,261.89	642,684.14
5	3,593,962.97	642,545.57	6	3,593,790.46	642,508.52
7	3,593,615.53	642,405.99	8	3,593,498.37	642,337.32
9	3,593,325.70	641,999.58	10	3,593,134.96	642,016.56
11	3,593,366.49	642,368.71	12	3,593,391.29	642,535.69
13	3,593,425.77	642,569.00	14	3,593,684.77	642,819.15
1	3,594,051.87	643,011.54			

Runoff 10					
Vertex	Y	X	Vertex	Y	X
1	3,594,834.10	641,123.02	2	3,594,922.11	641,221.86
3	3,594,974.38	641,280.55	4	3,595,126.19	641,356.15
5	3,595,371.75	641,411.66	6	3,595,573.16	641,547.62
7	3,595,720.53	641,393.12	8	3,595,647.95	641,324.31
9	3,595,618.30	641,296.29	10	3,595,179.84	641,229.55
11	3,595,015.87	641,126.23	12	3,594,798.68	640,989.37
13	3,594,428.68	640,887.50	14	3,594,274.10	640,756.30
15	3,593,704.36	640,726.65	16	3,593,149.14	640,838.68
17	3,593,057.95	641,068.94	18	3,593,154.66	641,198.76
19	3,593,856.09	641,111.99	20	3,594,208.18	640,937.54
1	3,594,379.00	641,014.15		3,594,834.10	641,123.02

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Runoff 11					
Vertex	Y	X	Vertex	Y	X
1	3,596,710.91	639,726.16	2	3,596,939.51	639,675.36
3	3,597,143.63	639,763.00	4	3,597,220.78	639,820.25
5	3,597,316.61	639,719.78	6	3,597,239.21	639,661.89
7	3,597,087.80	639,548.63	8	3,596,830.83	639,506.10
9	3,596,559.85	639,587.20	10	3,596,536.16	639,594.00
11	3,596,506.71	639,607.69	12	3,596,442.58	639,637.52
13	3,596,250.97	639,726.65	14	3,595,980.64	639,756.31
15	3,595,691.33	639,654.07	16	3,595,257.07	639,621.62
17	3,595,686.45	639,810.83	18	3,595,921.39	639,897.61
19	3,596,237.41	639,880.16	20	3,596,266.41	639,878.56
1	3,596,710.91	639,726.16			

Runoff 12					
Vertex	Y	X	Vertex	Y	X
1	3,597,178.37	639,099.90	2	3,597,296.33	639,152.28
3	3,597,593.96	639,284.48	4	3,597,690.63	639,327.65
5	3,597,779.56	639,234.41	6	3,597,759.98	639,180.86
7	3,597,704.03	639,128.67	8	3,597,649.44	639,077.74
9	3,597,629.89	639,059.51	10	3,597,554.46	638,989.14
11	3,597,520.08	638,975.03	12	3,597,188.27	638,838.84
13	3,597,002.01	638,570.03	14	3,596,756.55	638,236.60
15	3,596,747.88	638,224.74	16	3,596,580.36	638,111.58
17	3,596,556.09	638,095.18	18	3,596,382.41	638,298.04
19	3,596,410.75	638,472.87	20	3,596,442.60	638,468.66
21	3,596,650.64	638,441.20	22	3,596,849.07	638,545.97
1	3,597,178.37	639,099.90			

Runoff 13					
Vertex	Y	X	Vertex	Y	X
1	3,597,603.24	637,361.43	2	3,597,636.35	637,353.42
3	3,597,636.51	637,353.38	4	3,597,636.44	637,351.57
5	3,597,924.63	637,281.88	6	3,597,949.18	637,295.08
7	3,597,988.47	637,153.14	8	3,597,979.66	637,150.65
9	3,597,631.62	637,213.07	10	3,597,631.65	637,215.03
11	3,597,594.51	637,221.68	12	3,597,315.03	637,144.30
13	3,597,150.70	637,072.24	14	3,597,034.15	637,021.12
15	3,596,862.79	636,945.98	16	3,596,803.08	636,924.32
17	3,596,811.22	637,069.89	18	3,597,336.54	637,308.50
1	3,597,603.24	637,361.43			

Operation and maintenance phase:

The works and activities that integrate the project, will be carried out gradually, in the specific case of MR, is intended to install a shelter area to store products, supplies or hazardous waste intended to be imported / exported between Mexico and the United States, Also to install an area for the processing of hazardous waste and special management waste, systems for the management and use of parts or components of hazardous waste. For the EP, in this case would be the continuation to the activity that is currently operating, through the use of specialized machinery, to be later marketed.

During this stage, solid waste is expected to be generated, such as the plant material from the clearing, and the waste generated by the personnel working on the project, which are planned to be deposited daily in labeled and covered containers. Regarding the management and final disposal of the waste, these will be recovered, sorted and removed periodically.

The services of specialized companies authorized by this Administrative Unit will be contracted for the collection, transport and final disposal for the residues that will be generated due to accidental spills during construction and that due to their physic-chemical properties and environmental toxicity makes it hazardous waste.

It is generally contemplated for the construction, and for all the areas, roads that will have rails, sidewalk, cycle way and dividers. It will be contemplated to realize the excavation by mechanical means in roadway zones for the connection of urban services.

The **promoter** stated that the supply of water would be by the municipal water network, so it will be installed water and sanitary PVC pipes in connection with the urban network, as specified by the regulations of the operating agency. Likewise, the wastewater will be channeled to the municipal collector, in compliance with the regulations regarding wastewater.

Some of the associated works that are contemplated for the preparation of the site during the construction of the **project** are the establishment of waterproofed sanitary latrines, cleaning and maintenance carried out by authorized companies with final disposal in authorized sites for waste storage and sending to the landfill sanitary.

The operation of the **project** will be developed gradually and in accordance with the program of work, so that, at the moment, the manifest **promoter** will be submitted in a particular way to the evaluation of the authority in the matter and the one corresponding to the change of use of soil, by means of preventive reports that detail the details corresponding to the operation and maintenance of works of particular way.

Dismantling and abandonment of facilities

The project does not contemplate the stage of dismantling and abandonment of the installations and that it is not intended to abandon any of the works of which the **project** is composed, although it is estimated that the useful life of the **project** is 50 years, however, the duration of the same could be prolonged, implementing adequate programs of maintenance and conservation and above all, bearing in mind that the main measure of mitigation of the **project**, is subject in two of its vocations, Conservation and Sustainable Forest Utilization itself.

Linkage with the planning instruments and applicable legal systems.

7.- That in accordance with the provisions of article 35, second paragraph of the **LGEEPA**, as well as what is established in section III of article 13 of the **REIA**, which indicates the obligation of the **promoter** to include in the manifestations of environmental impact in its regional modality, The linking of the works and activities that make up the **project** with the planning instruments and legal systems applicable in environmental matters, this link being understood as the mandatory legal relationship between the activities that integrate the **project** and the applicable legal instruments.

In this sense, and considering that the **project** is located in the state of Baja California, specifically in the municipality of Mexicali, it is identified and agrees with what was pointed out by the **promoter** that the sites where the **project** is intended to be developed are regulated by (**POEGT**) published in the Official Gazette of the Federation on September 7, 2012, the Baja California State Urban Development Program 2014-2019 (**PEDUBC**) published on July 03, 2014 in the Official Journal of the

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State of Baja California, and by the Urban Development Program of the Population Center Mexicali 2025 (PDUCPM-2025).

In the particular case of the **POEGT**, it has to promote a scheme of coordination and co-responsibility between the sectors of the Federal Public Administration, to which this Program is directed, which allows generating synergies and promoting sustainable development in each of the regions Identified in the national territory; In this sense given its scale and scope; Its objective is not to self-target or prohibit land use for the development of sectorial activities, but the different sectors of the federal government can orientate their programs, projects and actions in such a way as to contribute to the sustainable development of each region, In accordance with the priorities established in the **POEGT**, without detriment to compliance with the existing local or regional ecological planning programs.

It is also important to point out that the **POEGT** should be considered as a strategic coherence framework for projects of the federal scope with an impact in the State territory, but not as a regulatory instrument in the environmental impact assessment procedure. The execution of the **POEGT** is independent of compliance with the regulations applicable to other environmental policy instruments, such as Protected Natural Areas and Mexican Official Standards.

In this sense, the site dedicated to the development of the **project**, is located within the Ecological Region 10.32 in the Biophysical Environmental Unit (UAB) 1 "Sierra de Baja California Norte" and at UAB 6 "Altar Desert", where according to the diagnosis of **POEGT** itself, the UAB presents a fairly stable scenario with a high sectorial conflict, high importance of livestock activity, low priority of attention and the applicable environmental policy is Preservation and Protection.

Also, the **project** is applicable to the State Urban Development Plan of Baja California (**PEDUBC**) 2009-2013 published in the official newspaper of the state of Baja California on October 08, 2004, as well as its **PEDUBC** 2014-2019 update published on 05 April 2010, which aims to integrate updated information and technical data of the various ecological, social, political, economic and administrative aspects of the regions that comprise the state of Baja California, incorporating the methodological criteria in terms of ecological ordering with the new legal framework and productive activities, for the protection of the environment and the sustainable use of natural resources, with the purpose of promoting an optimal balance of territory oriented towards sustainable development.

In addition, the bases of institutional coordination are established to deal with the problem of human settlements, Urban Development and Territorial Planning in the State and for the dependencies they are in charge of, the promotion of economic activity, ecological order, urban regulation and the construction of public works.

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In this sense, the **promoter** pointed out that within the **project** will offer a wide range of work, education and business with a high degree of environmental responsibility, because it has a "green city" approach, providing the participants of this **project** with an offer of housing, services and all the necessary requirements for the development. As well as the implementation of infrastructure to support the promotion of economic activities in the state, enhancing the productive capacity of the region, generating sustainable growth, taking the necessary measures to contribute positively to the effects of change.

According to the above, the **project** is consistent with the provisions indicated in the **PEDUBC** since it does not contravene the uses and destinations established for the area where it is located and considering that the **PEDUBC** itself indicates the mechanisms and guidelines that must be made To determine the compatibility of the land use with respect to the activity or work that is intended to be carried out in the different zonifications of the municipality of Mexicali and that emphasizes the institutional coordination for the dependencies that is in charge of the promotion of economic activity, the ecological order, the urban regulation and the construction of the public work.

Finally, the **PDUCPM-2025** among the actions that the Plan considers and that somehow are linked to the **project**, the following stand out:

- Strengthen monitoring programs in compliance with municipal regulations, aimed at preserving public order, cleaning, street shopping and harmonious coexistence among the inhabitants. The **project** will comply with all the regulatory and regulatory aspects necessary for its implementation, and those related to contributing to the preservation of order, cleanliness, as well as creating alternatives that discourage informal commerce.
- Promote employment, strengthening the linkage with the different productive sectors, public and private that promote the creation of opportunities for municipal economic development with a vision of the future. Creating temporary employment sources that improve the family economy of the inhabitants of the Valley, San Felipe and the City are priority within the municipal development plan of Mexicali / The linking of the project with this section of the plan, is given by the nature of itself, since it will offer jobs, both temporary and permanent.
- It is planned to manage productive support and provide support for productive projects for the inhabitants of the municipality focusing on each of the regions (Metropolitan Area, Mexicali Valley and San Felipe) for the purpose of initiating and / or strengthening businesses to improve incomes of the family economy, in coordination with other orders of government / The **project** will offer a serious, reliable and safe offer for those interested in business, especially services that will improve the income of the Mexicali Municipality families,

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the most vulnerable groups in areas close to the **project** at hand.

- Continue to support the School-Company Linkage Program and the educational system in its different modalities (dissemination, entrepreneurial culture, technology transfer programs, collaboration agreements between companies and education and research centers) to promote the development of a regional environment more attractive to investment / The **project** will have a Research Center in recycling and renewable energies, which will serve to detonate the entrepreneurial culture, the transfer of technology and the same research, and that can have a secure job offer to implement the knowledge and Specialization acquired.
- Promote the attraction and installation of new local, national and foreign companies that take advantage of and contribute to consolidate the economic vocations derived from the business development policy, so that they stimulate the acquisition of goods and services generated by the local production plant. And taking into account the opening of the Municipality is that a **project** of this magnitude is proposed in this region of the country, which will allow consolidating the economic vocations, stimulating the acquisition of goods and services generated by the productive plant of the **project**.
- Strengthen planning through coordination and communication between the government and the private sector in a bi-national and cross-border manner, to identify investment projects, to develop productive processes benefiting producers and consumers on both sides of the border and to improve and To take advantage of the comparative advantages that the municipality has with relation to the outside. In what stands out, to encourage companies to acquire goods and services generated by the local productive plant to increase and strengthen the regional economy. / The **project** is dimensioned on the basis of coordination and communication between government and private initiative, both at the national and international level, as it seeks to benefit producers and consumers in Mexico and the United States (Mainly).
- To promote actions that strengthen the preservation of the ecological balance and environmental education, to promote the planning and conservation of the environment through programs that promote the prevention of pollution levels, so that the citizenship can coexist in harmony with the natural environment. To establish systematic and general procedures for the control and supervision of generators of discharges, residues and polluting emissions of water, soil and air, respectively. One of the main vocations of the **project** is oriented to the conservation of natural resources, since a little more than 60% of the **project** area, is intended for this purpose. In addition to helping to mitigate the environmental effects that produce the rest of the vocations.

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- To consolidate urban and environmental planning within the municipality of Mexicali, through the strengthening of the entity responsible for the programming, elaboration and monitoring of urban and sectorial plans, programs and projects / The **project** will subject itself to the urban and environmental plans that the Municipality present.

8. In this sense, once the information presented by the **promoter** has been analyzed, as well as the one indicated by the **POEGT, PEDUBC and PDUCPM-2025**, this **DGIRA** concludes that the **project** is consistent with the provisions indicated by these normative instruments, together with that the **promoter** pointed out a series of measures of prevention, mitigation and compensation, focused on reducing the effect that the development of the **project** will have on the spaces covered with vegetation in which it will occur, concluding that the **project** would not cause a fragmentation of the habitats present in the area, mainly due to the characteristics of the **project**.

9. On the other hand, the site where the **project** is located does not affect any Federal Natural Protected Area that may be affected by the **project** and which, in accordance with the attributions of this Secretariat, has interference in determining what is conducive.

10. However, the sites where the **project** is intended to be carried out in accordance with what is indicated by the **promoter**, affect the Priority Hydrographic Region No. 4 Lago Salado Arroyo del Diablo and 7 Rio Colorado, according to the regionalization established by the National Commission for the Knowledge and Use of Biodiversity.

Notwithstanding the foregoing, it is important to emphasize that environmental information regarding these priority areas, does not establish ecological criteria or guidelines that indicate restrictions or limitations for the development of any activity, but that it corresponds to an analysis on biodiversity and environmental problem present in the areas mentioned, in order to have a frame of reference on the state of conservation and / or alteration of the existing ecosystem.

11. Based on Article 119 of the Law of the Electrical Industry (**LIE**) which tacitly states:

“In order to take into account the interests and rights of indigenous communities and peoples in which electrical industry projects are developed, the Secretariat shall carry out the necessary consultation procedures and any other activities necessary for its safeguard in coordination with the secretary of governor and the dependencies that correspond. In such consultation procedures, the CRE, the state's productive enterprises and subsidiaries, as well as individuals, may participate.”

Likewise, article 89 of the Regulations of the **LIE**, establishes the following:

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“Article 89.- The secretary shall be responsible for the consultation procedures concerning the projects of the electric industry that are carried out in indigenous communities and towns, referred to in Article 119 of the Law and shall issue the corresponding administrative provisions for the procedures according to the phases established in article 92 of the present regulation.

In the case of projects carried out by the productive enterprises of the State, these will carry out the consultation procedures in terms of the administrative provisions referred to in the previous paragraph, with the approval of the Secretariat.

Consultation procedures will be carried out free of coercion, providing information, vast, truthful, and culturally relevant to the indigenous peoples and communities associated with the project.”

Based on the information provided by the **petitioner**, the Energy Secretariat should be requested, in a timely manner, to evaluate the corresponding social impact, with the purpose of obtaining the resolution and corresponding recommendations, in order to request, in due course, the permission or authorization to develop the photovoltaic **project**, as well as will be provided by the corresponding administrative provisions for the consultation procedure, to submit the photovoltaic **project**, to the consultation of the indigenous communities and peoples that may be appropriate.

For the foregoing, the present resolution will be conditioned to the **promoter** of compliance with Article 120 of the **LIE** which states:

“Those interested in obtaining permits or authorizations to develop projects in the electrical industry should submit to the Secretariat a social impact assessment that should contain the identification, characterization, prediction and assessment of the social impacts that could derive from their activities, as well as the corresponding mitigation measures.”

For this purpose, it should be addressed to the SENER so that within the scope of its competence determines the proceedings in the application of said article, as indicated in Article 118 of the multi-cited Law.

12. Likewise, according to the statements made by the **promoter** and the analysis carried out by this **DGIRA**, the following Official Mexican Standards are applicable for the development of the **project**.

<p style="text-align: center;">NOM-001-SEMARNAT-1996.-</p> <p>It establishes the maximum permissible limits of pollutants in wastewater discharges into national waters and goods.</p>	<p style="text-align: center;">NOM-060-SEMARNAT-1994.-</p> <p>It establishes the specifications to mitigate the adverse effects caused in the soils and bodies of water by the forest use.</p>
<p style="text-align: center;">NOM-002-SEMARNAT-1996.-</p> <p>That sets the maximum permissible limits of</p>	<p style="text-align: center;">NOM-061-SEMARNAT-1994.-</p> <p>It establishes the specifications to mitigate the</p>



pollutants, in the discharges of residual to urban or municipal sewage systems.	adverse effects on flora and fauna due to forest use
NOM-041-SEMARNAT-2006 Establishes the maximum permissible limits of emission of polluting gases from the exhaust of the circulating motor vehicles that use gasoline as fuel.	NOM-080-EMARNAT-1994 Establishes the maximum allowable limits of emission of noise coming from the exhaust of motor vehicles, motorcycles and motor tricycles in circulation and its method of measurement.
NOM-043-SEMARNAT-2003 Establishes the maximum permissible emission limits of pollutants and solid particles from fixed sources.	NOM-081-SEMARNAT-1994 Establishes the maximum permissible limits of emission of noise of the fixed sources and its method of measurement.
NOM-045-SEMARNAT-2006 Establishes the maximum permissible limits of opacity, test procedure and technical characteristics of the measuring equipment of vehicles in circulation that use diesel as fuel.	NOM-085-SEMARNAT-2011 Establishes the maximum permissible limits of opacity, test procedure and technical characteristics of the measuring equipment of vehicles in circulation that use diesel as fuel
NOM-050-SEMARNAT-1993 Establishes the maximum permissible levels of emission of polluting gases from the exhaust of the circulating motor vehicles that use liquefied petroleum gas, natural gas or other alternative fuels as fuel.	NOM-113-SEMARNAT-1998 Establishes environmental protection specifications for the planning, design, construction, operation and maintenance of power or distribution substations that are intended to be located in urban, suburban, rural, agricultural, industrial, urban equipment or tourist services.
NOM-052-SEMARNAT-2005 Establishing the characteristics of the procedure for identification, classification and lists of hazardous waste	NOM-120-SEMARNAT-1997 Establishes the specifications of environmental protection for the activities of direct mining exploration.
NOM-053-SEMARNAT-1993 It establishes the procedure to carry out the extraction test to determine the constituents that make a hazardous waste because of its toxicity to the environment.	NOM-157-SEMARNAT-2009 Establishing the elements and procedures for implementing mining waste management plans
NOM-054-SEMARNAT-1993 Establishes the procedure to determine the incompatibility between two or more residues	NOM-161-SEMARNAT-2001 Establishes the criteria to classify the residues of Special Management and determine which



considered as dangerous by the official Mexican norm NOM-054-SEMARNAT-2005	are subject to a Management Plan, listing them, the procedure for inclusion or exclusion to said list, as well as the elements and procedures for the formulation of management plans
<p align="center">NOM-059-SEMARNAT-2010</p> Environmental Protection, Native species of flora and fauna Categories of risk and specifications for inclusion, exclusion.	<p align="center">NOM-161-SEMARNAT-2011</p> Establishes the criteria to classify the Waste of Special Management.
<p align="center">NOM-165-SEMARNAT-2013</p> Establishing the list of substances subject to reporting for the pollutant release and transfer register.	

In this regard, the **promoter** stated that it will comply with the regulations indicated, as well as apply and comply with the programs of preventive and corrective maintenance to vehicles used in order to comply with the limits established in emissions of gases and noise to the environment, as well as other applicable standards for the project. In this sense, this **DGIRA** determines that the aforementioned rules are applicable during the different stages of the **project**, so that the **promoter** must comply with each and every one of the criteria established in said regulations in order to minimize possible environmental impacts Generated during the different works and / or activities of the **project**. The **promoter** said that all of the above is a function of the beginning of each of the works and / or activities within the **project**.

Description of the regional environmental system and indication of development trends and deterioration of the region.

13. That section IV of article 13 of the **REIA** in analysis provides the obligation of the **promoter** to include in the **MIA-R** a description of the Regional Environmental System (**SAR**), as well as the development and deterioration trends of the region. The **promoter** pointed out that for the **SAR** of the **project** was more representative, for its delimitation considered the following criteria:

- The zoning of **PDUCPM-202**, which delimited the area close to the **project** that was not listed with Urban or Agricultural uses, since not being in those classes has a higher percentage of vegetation in good condition. The area of environmental influence of the **PDUCPM-2025** has an area of 36,789 ha.
- The geographical boundaries of the Colorado River Basin and the sub-basin of the Cerro Prieto Canal (Secretariat of Agricultural Development of Baja California, 2016), which has an area of 106,856 ha.

- The geographical boundary of the Sierra Cucapah Mountain Range, where the **project** is located in the northern portion of the Sierra Cucapah, more specifically on the eastern slope. Although almost the entire portion of the Sierra Cucapah in the **project** will be destined to Conservation, it is considered that the activities that are carried out will also be able to influence a section of the western portion of the mountain range.

Due to the above, a mountainous or mountainous continuum of the northern portion of the Sierra Cucapah, which borders and forms part of the **project** area, was delimited. The delimited area is mostly bordered by geological faults reported in the **PDUCPM-202** of the city of Mexicali. This mountainous massif has an area of 22.7 S1 ha.

The **SAR** delineation process is described in the following steps:

1. Coverage of the Eastern and Northwest portion of the Subwatershed, based on the PDUCPM-2025 environmental zone.
2. Addition to the resulting polygon, from the southern portion of the P DUCPM-2025 environmental zone.
3. Addition to the resulting polygon of the Mountain Range.
4. Addition to the resulting polygon, of surface in the South zone until arriving at the Road Mexicali- San Felipe.

With the above, the **SAR** delimitation has an area of - S1, 439.32 hectares.

Abiotic medium.

Climate: There are two types of climate, the very arid warm BWh (x) and the very arid semi-warm BW (h') (x').

Very arid warm climate BWh (x).

The region in which the **project** will be developed presents the very eco-friendly climate with winter rains. The average temperatures of the region oscillate between 22.3 ° and 24.8 ° C. Generally in Baja California, the drought is present and therefore in the **SAR**. Temperature between 18 ° and 22 ° C, temperature of the coldest month less than 18 ° C, temperature of the hottest month greater of 22 ° C, rains between summer and winter greater than 18% per year.

Also called desert, it is characterized by its precipitation lower than 400 mm a year which are considered very extreme, since its thermal oscillation, that is to say, the difference between the average temperature of the warmer month and the one of the cooler month, is greater 14 ° C. It is distributed in an extensive strip of land parallel to the coast, stretching from the border with Sinaloa (widening in the north) to the northwestern portion, on the border with the United States of America. This zone

has a variable altitude, which comprises of the level of the sea to the 800m in the foothills of the Sierra Madre, but in general they constitute flat lands with some prominences.

Very arid semi-solid BW (h ') (x').

The zones that this climate has are located around the Saldada lagoon, in the Mexicali valley and in the northern part of the Colorado River delta. Its regime of rains is of winter, since the month with greater precipitation is in the period of November to March, nevertheless, a more or less considerable amount of scarce rain occurs in summer.

The total annual rainfall, according to the reports of the meteorological stations, is 32.3 mm (station Bataques 02-006), which is one of the lowest average values recorded in the country, at 75.8 mm (station Mexicali Campo Agrícola 02 -020), the highest incidence of rainfall is produced in January, ranging from 8.1 to 10.5 mm, or in December with 13.7 mm, the month with the lowest rainfall is May, which is recorded from 0 to 0.3 mm. The average annual temperature goes from 22 ° to 23.1 ° C, the sunniest month is July, with values of 32.6 ° to 2.9 ° C average temperature, and the coldest is January, with a range of 11.9 ° to 14.0 ° C.

The following table shows the area by type of climate in the SAR:

Weather type	Surface (Ha)	Percentage
Very arid semi-solid	48,999.16	95.26
Very arid warm	2,440.06	4.4
TOTAL	51,439.32	100.00

Hydrology:

Baja California is poor in water resources, river currents are small and occasional, and the water quality of these bodies is affected by dissolved solids (chloride of sodium, phosphorus, nitrate and potassium), because intensive agricultural and / or agricultural activities were carried out in the past.

Geology:

The **promoter** highlighted the flaws and their relationship with the place where it is intended to carry out the **project** so it stated that there is the Imperial Fault that is located more than 20 km from the polygon of the **project** and by virtue of the information that the Atlas of Risks of the Municipality of Mexicali is a geological fault that has its greatest impacts in the east of Mexicali, on this geological fault, the Atlas of Risks of the Municipality of Mexicali indicates: "the Imperial Falla delimits the east side of the dispersal center Cerro Prieto is part of a plate boundary, the main connection between the San Andrés system and the structures of the Gulf of California. Without having a good geomorphological expression, it extends along 75km from 3km south of the

City of Brawley, California, to the Cerro Prieto dispersion center with an orientation of N42 ° W (Cruz-Castillo.2002: 39).... Which demonstrates that the minimum distance between the **project** polygon and this fault is higher than the 20 km indicated, which justifies that for this phase of environmental impact assessment, it is not necessary to integrate geotechnical studies of the site due to the Imperial Fault.

In the case of the Cerro Prieto Fault, the Atlas of Risks of the Municipality of Mexicali states: "The Cerro Prieto Fault is of the Dextral type (Dextral or right lateral, refers to the horizontal movement to the right of the blocks on the sides of the geological fault. This means that a person standing in any of the two blocks looking towards the other block you will see that this one moves towards the right), extends along 80 km from the center of dispersion Cerro Prieto until the Wagner Basin. The trace of the fault is visible only in its southern sector. It is the structure that marks the border between the plates North America and Pacific, in the region of the Valley of Mexicali "... "It is possible that the Cerro Prieto fault crosses the city diagonally, so that over time urban risk increases (Lesage and Frez 1990, Frez and Gonzalez 1991, Suarez 1999). With this reference, we can point out that the Cerro Prieto Fault is located more than 10 km from the polygon of the **project**, although the nearest polygon that will have buildings of the Photovoltaic Plant will be located more than 15 km from this geological fault. It's important here also emphasize that the Atlas of Risks of the Municipality of Mexicali indicates that "an approach to the trajectory of the faults near the City, allows to observe that possibly a strip of the west zone is exposed to geological faults (Fault Michoacán suggested by Lira, 2005), as well as areas of urban expansion to the east that tend to approximate the Imperial Fault .., "This means that it is possible to recognize another Geological Fault called Michoacán crossing the City Center of the City of Mexicali, which suggests in the figure referred to in said document that this Fault would be located a little more than 8 km from the Polygon of Real Estate Development of Industrial Parks, Services and Infrastructure where there would be buildings, this distance indicated between these Faults and the polygon of the **project** suggests that for this phase of evaluation of the environmental impact of the **project**, it is not necessary to integrate geotechnical studies of the site due to the Cerro Prieto and Michoacán Faults.

Abiotic medium

Flora

The type of vegetation present in the Project Area is of the Microfiles Desert Scrub type; in addition to that a small surface has Agricultural use. To perform a more detailed vegetation classification, the project area was divided into two large areas, the Cerril Zone and the Alluvial Zone.

The following table shows the surfaces and percentages that occupy each one of them.



Type of vegetation and land use	Surface (ha)	Percentage
Microfile desert scrubland	14,591.46	99.60
Agricultural	58.52	0.40
TOTAL	14,649.98	100.00

From the information obtained in the field of cerril and alluvial areas, a list of predominant flora species was generated for the total area of the project obtaining 52 species (which are listed in Chapter IV and IA of the MIA-R), Of which two species are listed in NOM-OS9-SEMARNAT-2010:

Species of flora	Category
Echinacactus platyacanthus (Biznaga)	Endemic Pr
Olneya tesota (Ironwood)	Pr

Fauna

The **promoter** noted that the **SAR** is located in the Colorado Desert that covers the northeastern part of Baja California, on the border with the Sierra de Juárez, and 1700 msnm or more, in the eastern portion of the Sierra San Pedro Mártir. Its southern end is the Bay of Los Angeles, from Matomí and Punta San Fermín towards the South and extends like a narrow strip, towards the east of the mountain chain, parallel to the coast. To the West, south of San Pedro Martyr, it borders the San Dieguense District. Its northern part occupies the Delta Plateau and Colorado River flood plains, although this is interrupted by some mountainous reliefs, such as the Cucapah, Las Pintas, SanFelipe and Santa Clara mountains.

A bibliographical review, considering the species that have been reported for the **project** area and neighboring region, found that the most characteristic species of this district that can be found are: Gambel quail (*Callipepla gambelli*), lynx, some species of bats (*Pterognathus baileyi hueyi*, *Pterognathus arenatus paralyzes*), coyote (*Canis latrans*), squirrels (*Spormophilus leucurus leucurus*, *Spormophilus tereticaudus tereticaudus*), rabbits (*Sylvifagus audubonii arizonae*, *Lepus californicus deserticola*) Mearnsi, *Canis latrans-clepticus*, foxes (*Macrotis vulpes arsipus*, *Urocyon cinereoargenteus scottii*), raccoon (*Proscyon lotor pallidus*), puma (*Felis concolor browni*).

In addition to the aforementioned species, the species that can be found in the area of the project and which are listed in **NOM-OS9-SEMARNAT-2010** are:



Species of Fauna	Category
Microtus californicus (California Meteor)	In Danger of Extinction
Neotoma lepida (Rat Cambalachera desert)	Threatened-Endemic
Ovis canadensis (Bighorn Sheep)	Special Protection
Choeronycteris mexicana (Trumpeter bat)	Threatened
Taxidea taxus (Tlalcoyote)	Threatened

The biotic and abiotic characteristics of the SAR and **Project Area (AP)** are described in Chapter IV of the **MIA-R**.

Identification, description and evaluation of cumulative environmental impacts and residuals of the regional environmental system.

14. That section V of Article 13 of the **REIA**, provide the obligation of the **promoter** to include in the MIA-R the identification, description and evaluation of the environmental impacts that the project can potentially cause, considering that the procedure focuses primarily on the impacts that by their characteristics and effects are relevant or significant and, consequently, can affect the stability of the ecosystems.

The **promoter** pointed out that first degree impacts were identified for each **project's** specific action, using Leopold's matrix, and a list of the impacts were identified at the same time as the matrix of actions and factors impacted which had no means to facilitate the evaluation, with the CONESA's formula and matrix to assess the importance of impacts, measuring qualitatively the environmental impact, as a function of both the degree of incidence or intensity of the alteration produced, and the characterization of the effect, which responds to manifestation, persistence, reversibility, recoverability, synergy, accumulation periodicity.

In this sense, the most relevant or significant environmental impacts that the **project** will cause, are the following:

Stage	Description
Atmosphere	
Preparation of the site. Construction and Operation.	The use of vehicles and machinery increases the concentration of combustion gases and PST in the atmosphere. The increase of dust by the transport of materials, movement of earth during the leveling of land, excavations of ditches and construction of roads. Using vehicles and machinery will cause noise that affects the fauna of the place.



Stage	Description
Ground	
Preparation of the site. Construction and Operation.	The leveling and deforestation activities will cover the loss of soil, the handling of heavy machinery may cause high soil compacting and therefore loss of quality, as well as incidental spills that may occur during construction work, road construction, pavement of the same, the maintenance of the panels. Roads, companies, etc. can cause soil contamination.
Water	
Construction, operation and maintenance of viability.	They can cause the diversion of drainage and natural drainage, as well as by the maintenance of the roads, the use of water can be increased by the risk of viability causing a decrease in the groundwater.
Flora	
Preparation of the site.	The clearing for the construction of the project, industrial warehouses, roads, etc. will lead to the loss of vegetation cover.
Fauna	
Preparation of the site. Construction and Operation.	The use of vehicles, machinery and the presence of personnel of the company causes a pressure on the existing fauna in the place, increasing the mortality of some wild organisms, mainly for the stage of preparation and construction of the farm, the industrial park, roads, etc. for the loss of burrows and trampling or poaching from the same workers. The operation stage increases the mortality due to collision with the panels, ships, among others.
Landscape	
Operation and Maintenance	The presence of panels, roads, industrial warehouses, shops and services, among others, will affect the quality of the landscape.

Strategies for the prevention and mitigation of environmental, cumulative and residual impacts of the regional system.

15. That section VI of article 13 of the REIA provides the obligation of the promoter to include in the MIA-R the preventive measures and mitigation of the identified environmental impacts. In this sense, the preventive and mitigation measures indicated by the promoter are:

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Mitigation and compensation measures	
General	
Environmental Protection Measure 1	Provide environmental training to the workforce
Type of measure	Preventive.
Stage of the project	Prior and during site preparation and construction.
Correct form of compliance with the environmental protection measure	An informational meeting will be given to the staff who will work on the different stages of the project in order to acknowledge the environmental measures and conditions that will be applied in the project, in addition to raising awareness of the importance of environmental care.
Form of control and follow-up of compliance	Record in the log of environmental monitoring.
Documents showing compliance with the measure	List of attendance at the informational meeting. Environmental Supervisor Registration.
Environmental Protection Measure 2	Have environmental supervision during the execution of the task
Type of measure	Preventive
Stage of the project	Preparation of site and construction
Correct form of compliance with the environmental protection measure	Continuous environmental supervision will be provided during the site preparation and construction stages, in order to monitor the correct compliance with the environmental measures and constraints of the project. In case of non-compliance during the environmental supervision, the resident of the task will be advised to solve it as soon as possible. Each week, the level of compliance with the environmental measures and constraints of the project will be evaluated. In the event that one or more conditioning measures are not being met, a meeting will be held with the resident and staff of the task in order to jointly plan strategies for compliance with environmental measures and conditions.
Form of control and follow-up of compliance	Record in the log of environmental monitoring.
Documents showing compliance with the measure	Environmental Monitoring Weekly Report.
Environmental protection measure	Include in the contracts of works and services that are signed



Mitigation and compensation measures	
Environmental Protection Measure 3	Include in the contracts of jobs and services that are signed with different companies, the realization and fulfillment of the conditions that apply to each worker.
Type of measure	Preventive
Stage of the project	Preparation of site and construction
Correct form of compliance with the environmental protection measure	The preventive measures will be selected by the type of task or activity with mitigation and environmental conditions that apply. Subsequently the contracts of the task at hand that are signed will be included for compliance and verification
Form of control and follow-up of compliance	Compliance with contracted measures. Environmental monitoring
Documents showing compliance with the measure	Contracts of tasks or services
Environmental Protection Measure 4	The EcoZone.MX Conservation Trust will be created and with it additional resources will be obtained to comply with the preventive measures, mitigation measures, environmental conditions and other activities and procedures necessary for the effective conservation of the designated areas.
Type of measure	Complementary
Stage of the project	Operation
Correct form of compliance with the environmental protection measure	Creation of the trust
Form of control and follow-up of compliance	Establishment of a Trust Technical Committee
Documents showing compliance with the measure	Document of formation
Sites of cultural value	
Environmental Protection Measure 5	The archaeological sites that are already located in the area of the project will be respected, in addition to those located later
Type of measure	Preventive
Stage of the project	Prior to site preparation
Correct form of compliance with the environmental protection measure	Prior to the preparation of the site, there will be tours through the work area in order to detect signs



Mitigation and compensation measures	
	archaeological evidence. At the time of preparation of the site special care will be taken to detect any archaeological index. In both cases, to detect any indication will be given notice to the National Institute of Anthropology and History (INAH), to proceed as it deems convenient.
Form of control and follow-up of compliance	Record in the logbook the clues found, as well as their location.
Documents showing compliance with the measure	Log and documentation issued by the INAH
Waste	
Environmental Protection Measure 6	Install temporary kitchens.
Type of measure	Preventive
Stage of the project	Preparation of site and construction
Correct form of compliance with the environmental protection measure	Temporary canteens will be built for workers. It will be prohibited for any workers to eat off these sites.
Form of control and follow-up of compliance	Record in the monitoring log of environmental monitoring.
Documents showing compliance with the measure	Photographic record.
Environmental Protection Measure 7	Have an adequate number of portable toilets according to the number of workers.
Type of measure	Preventive
Stage of the project	Preparation of site and construction
Correct form of compliance with the environmental protection measure	One day before starting the project activities, portable toilets should be available on each work front. The wastewater generated must be disposed of in the place indicated by the municipal authority.
Form of control and follow-up of compliance	Record in the monitoring log of environmental monitoring.
Documents showing compliance with the measure	Simple copy of the invoice for the rent of the toilets.
Environmental protection measure	Promote the separation of the solid organic residuals from



Mitigation and compensation measures	
8	the inorganic and hazardous waste.
Type of measure	Preventive
Stage of the project	Preparation of site and construction
Correct form of compliance with the environmental protection measure	Containers must be placed on each work front for disposal of the waste. The container for organic waste should have a lid, painted green and labeled "organic waste". The container for inorganic waste must have a cap, painted yellow and labeled with the legend "inorganic waste". The container for hazardous waste must have a cap, painted red and labeled with the "hazardous waste" legend. When the containers are at 80% capacity, they must be disposed of in the temporary warehouse. Containers with oil residues or some hydrocarbon will not be used. Containers should be located in areas where staff take their food breaks, as well as in the immediate vicinity of the areas where they are carrying out the job, ensuring easy access by workers to these containers.
Form of control and follow-up of compliance	Log on to the monitoring log environmental.
Documents showing compliance with the measure	Photographic record.
Environmental Protection Measure 9	Carry out proper transportation and final disposal of non-hazardous inorganic and organic waste produced by personnel
Type of measure	Mitigation
Stage of the project	Preparation of site and construction
Correct form of compliance with the environmental protection measure	Adequate transportation (cover), final disposal in the municipal dump
Form of control and follow-up of compliance	Obtaining proof of admission to the municipal garbage dump and / or use agreement



Mitigation and compensation measures	
Documents showing compliance with the measure	Photographs included in the environmental monitoring report and presentation of proof of admission to municipal landfill
Environmental Protection Measure 10	Perform temporary storage in specific, separate areas and roofs of the generated urban and hazardous solid waste.
Type of measure	Preventive
Stage of the project	Preparation of site and construction
Correct form of compliance with the environmental protection measure	A temporary warehouse for municipal solid waste and a temporary warehouse for hazardous waste should be built. In the case of hazardous waste, the design of the warehouse must have the following characteristics: <ul style="list-style-type: none"> • Concrete floor • Containment dam • Door with controlled access • Roofing with metal sheets • Cylon mesh walls • Fire extinguisher • Temporary Storage of Hazardous Wastes / Temporary Storage of Urban Solid Wastes
Form of control and follow-up of compliance	Log on to the environmental monitoring log.
Documents showing compliance with the measure	Log in and out of warehouses, where the date, volume (kilos, drums) and type of waste are to be entered (impregnated tows, burned liquid oil, contaminated soil, urban waste, etc.)
Environmental Protection Measure 11	Separate and send the waste to the recycling center (RME) and paper, cardboard, wood, glass, etc. in general and plastics to a collection center.
Type of measure	Preventive
Stage of the project	Preparation of site and construction



Mitigation and compensation measures	
Correct form of compliance with the environmental protection measure	The company will separate the waste that can be recycled (paper, cardboard, wood, glass, metals in general and plastics) and place them in the temporary warehouse for later disposal
Form of control and follow-up of compliance	Log on to the environmental monitoring log.
Documents showing compliance with the measure	Receipt of delivery to a company specialized in the management of recyclable materials.
Environmental Protection Measure 12	An authorized company must transport and dispose of hazardous residues.
Type of measure	Preventive
Stage of the project	Preparation of site and construction
Correct form of compliance with the environmental protection measure	Before the six months counted from the arrival of the waste to the temporary storage of hazardous waste. They must be available through a company authorized to handle hazardous waste.
Form of control and follow-up of compliance	Log on to the environmental monitoring log. Manifest of transport and final disposal or co-processing.
Documents showing compliance with the measure	A simple copy of the Manifest for the Delivery, Transportation and Reception of Hazardous Wastes issued by the company authorized for the management of hazardous waste or, in its absence, a simple copy of the extension for the storage of hazardous waste presented to the State Delegation of the SEMARNAT.
Environmental Protection Measure 13	Appropriately dispose of surplus filler material composed of stony material.
Type of measure	Mitigation
Stage of the project	Preparation of site and construction
Correct form of compliance with the environmental protection measure	The surplus filler material will be stored temporarily in an area previously designated for that purpose.
Form of control and follow-up of compliance	Log on to the environmental monitoring log.
Documents showing compliance with the measure	Photographs included in the environmental monitoring report.



Mitigation and compensation measures	
Environmental Protection Measure 14	Appropriately dispose of surplus filler material composed of waste from civil works
Type of measure	Mitigation
Stage of the project	Preparation of site and construction
Correct form of compliance with the environmental protection measure	The remainder of civic works that cannot be used as fillings will be placed on a site authorized for this purpose.
Form of control and follow-up of compliance	Log on to the monitoring log environmental.
Documents showing compliance with the measure	Photographs included in the environmental monitoring report.
Environmental Protection Measure 15	The material of construction that is transported must be covered with a tarp, transported in bag or moistened to avoid the emission of powders during its transport.
Type of measure	Preventive
Stage of the project	Preparation of site and construction
Correct form of compliance with the environmental protection measure	Each vehicle that is used to transport construction material will use a tarp that will cover the material being transported in order to avoid or reduce the emission of dust in the project area.
Form of control and follow-up of compliance	Log on to the monitoring log environmental.
Documents showing compliance with the measure	Photograph record.
Environmental Protection Measure 16	In the area of conservation and forestry use will only be installed sanitary to avoid contamination of the soil.
Type of measure	Preventive
Stage of the project	Operation
Correct form of compliance with the environmental protection measure	Sanitary facilities will not be installed, such as dry ecological toilets.
Form of control and follow-up of compliance	Elaboration of an ecotourism project. Environmental monitoring.



Mitigation and compensation measures	
Documents showing compliance with the measure	Supervision of the type of task.
Emissions from the atmosphere	
Environmental Protection Measure 17	The Official Mexican Standard NOM025-SSAL-2014 will be complied with, regarding environmental health and permissible limits for the concentration of PM10 and PM2.5 suspended particles in the air.
Correct form of compliance with the environmental protection measure	Will be monitored quarterly and in the periphery of the project area
Type of measure	Preventive
Stage of the project	Preparation of site.
Form of control and follow-up of compliance	Log on to the environmental monitoring log.
Documents showing compliance with the measure	Results of monitoring.
Environmental Protection Measure 18	Heavy machinery and motor vehicles used during the project must be maintained to reduce atmospheric pollution by emissions of fumes and gases.
Correct form of compliance with the environmental protection measure	Perform maintenance of heavy machinery and motor vehicles depending on your work hours or mileage.
Type of measure	Preventive
Stage of the project	Preparation of site and construction
Form of control and follow-up of compliance	Log on to the environmental monitoring log.
Documents showing compliance with the measure	Simple copy of the log of maintenance of the machinery and motor vehicles, as well as copy of the receipt of the workshop where they are made. In case the machinery is rented, a simple copy of the rental bill will be delivered.
Environmental Protection Measure 19	Periodically water the project sites that require it, to avoid the dispersion of dust.
Type of measure	Preventive
Stage of the project	Preparation of site and construction



Mitigation and compensation measures	
Correct form of compliance with the environmental protection measure	An irrigation program will be followed to areas where dust is produced mainly on roads in the project area. In the case of rainfall during the execution of the project , the irrigation may be suspended
Form of control and follow-up of compliance	Log on to the environmental monitoring log.
Documents showing compliance with the measure	Photographic record.
Environmental Protection Measure 20	Prohibit the burning of any type of waste.
Type of measure	Preventive
Stage of the project	Preparation of site.
Correct form of compliance with the environmental protection measure	Waste generated by workers must be disposed of in labeled containers, depending on whether they are: organic waste, inorganic waste or hazardous waste. When the temporary warehouse is 80% of its capacity, all municipal waste generated at an authorized site (municipal wastebasket) must be cleaned and disposed of.
Form of control and follow-up of compliance	Log on to the environmental monitoring log.
Documents showing compliance with the measure	Simple copy of the receipt or proof of the municipal waste disposal site
Environmental Protection Measure 21	Install adequate night lighting
Type of measure	Preventive and mitigation
Stage of the project	Operation
Correct form of compliance with the environmental protection measure	The reflection of the light in the various areas of the project will become more evident in the atmosphere, due to the proximity to the projects of stone extraction, since the dust emissions are a reflective vehicle of the light, which will cause a reduction in the quality of vision of the astronomical observatory, the indications of observatory staff for the installation of the type of lamps that can be used and not disrupt the work being done will be taken into account.
Form of control and follow-up of compliance	Log on to the environmental monitoring log.



Mitigation and compensation measures	
Documents showing compliance with the measure	Photographic record.
Noise	
Environmental Protection Measure 22	The noise that is generated by the action of machinery and trucks must comply with the Official Mexican Standards NOM-080-SEMARNAT-1994 and NOM-045-SEMARNAT-2006.
Type of measure	Preventive
Stage of the project	Preparation of site.
Correct form of compliance with the environmental protection measure	Record the maintenance done to the vehicles and machinery in the tracking log of the environmental supervision.
Form of control and follow-up of compliance	Perform maintenance of heavy machinery and motor vehicles depending on work hours or mileage.
Documents showing compliance with the measure	Simple copy of the maintenance log of machinery and motor vehicles. In case the machinery is rented, a simple copy of the rental bill will be delivered.
Landscape	
Environmental Protection Measure 23	To carry out forest sanitation of parasitic plants that affects individuals of ironwood, located in the zone of conservation of runoff and strip of damping.
Type of measure	Mitigation
Stage of the project	Operation
Correct form of compliance with the environmental protection measure	SEMARNAT will be given a pest presence notice to obtain a sanitation notification. The sanitation will be done pruning the infested branches, which will improve the vigor and longevity of the populations of ironwood.
Form of control and follow-up of compliance	Log on to the environmental monitoring log.
Documents showing compliance with the measure	Forestry sanitation completion reports.

Mitigation and compensation measures	
Water	
Environmental Protection Measure 24	The area of projects where infrastructure is built must be protected against scorching.
Type of measure	Preventive and complementary
Stage of the project	Preparation of site and construction
Correct form of compliance with the environmental protection measure	By constructing a type of waterproofing dyke around the project area, the runoff will be channeled and diverted to avoid water intrusion into project areas. Previously, a hydrological study.
Form of control and follow-up of compliance	Follow-up to the hydrological study developed for this purpose.
Documents showing compliance with the measure	Photographic record.
Environmental Protection Measure 25	To contemplate areas for the conservation of the main runoff.
Type of measure	Preventive.
Stage of the project	Preparation of site and construction
Correct form of compliance with the environmental protection measure	To guarantee the continuity of the hydrological system, an area of 472 hectares will be conserved distributed along the general polygon of the project . This surface is composed of the main runoff and will be used, among other things, to channel runoff that is canceled or diverted.
Form of control and follow-up of compliance	Log on to the environmental monitoring log. Follow-up of the hydrological project .
Documents showing compliance with the measure	Photographic record. Hydrological project .

The petitioner also mentioned that one of the main compensatory measures is the creation of a trust called the "EcoZoneMx Conservation Trust", with the objective of restoring and conserving in a sustainable way the environmental conditions of the Conservation area indicated in the project For this purpose, the land or rights of the project site must be granted in order to obtain income from the productive areas or from the income of the same companies that may be established there, this income would be the



basis for Investments and expenditures of the Restoration and Conservation Actions. The trust would not be limiting, sub-accounts could be created for the Restoration and Environmental Preservation, Research, **Project** Management, **Project** Development and Guarantees. The **promoter** stated that, in order to guarantee transparency in the operation of this Trust for the **project**, a Technical Committee will be constituted with the participation of multilateral and bilateral cooperation, nongovernmental organizations, federal, state and municipal authorities, as well as business and civil society organizations.

The **EcoZoneMx** Master Plan is in compliance with the **EcoZoneMx** internal regulations, in order to comply with Measures and Actions of Mitigation and Compensation of Environmental Impacts, a Financial Committee, Water Systems Regulatory Committee, Regulatory Committee, Energy of Vehicle Verification Center and the Innovation and Development Research Center, contemplated as one of the tasks within this **project**.

In addition to the aforementioned actions, an Environmental Monitoring Program (**PVA**) will be carried out, whose main function is to support the organization and supervision of the strategies that will be carried out in the stages of site preparation, construction, operation and maintenance of the **Project**, to monitor the environmental conditions and resources influenced during these stages, within this **PVA** will include seven different programs:

- Environmental Training Program,
- Rescue and Relocation Program of Flora and Fauna.
- Integral Program of Waste Management,
- Environmental Compensation Program.
- Environmental Restoration Program.
- Control and maintenance program for machinery, equipment and vehicles.

From the above, it is concluded that the impacts generated by the development of **the project**, correspond to those expected for its realization, as well, the aforementioned prevention, mitigation and / or compensation measures are feasible to be executed. However, the above, these should be complemented with what is indicated in the conditional section of the **EIGHTH TERM** of this resolution.

Regional environmental forecasts and, if applicable, evaluation of alternatives.

16. That section VII of article 13 of the **REIA** states that the **MIA-R** should contain regional environmental forecasts and, where appropriate, evaluation of alternatives to the **project**, which are relevant from an environmental point of view; Since they allow to predict the behavior of the SAR without the **project**, with the **project** but without mitigation measures and with the **project**.



Including mitigation measures, in order to evaluate the environmental performance of the project, ensuring that the functional integrity of the ecosystem is respected based on a theoretical projection of the possible environmental implications that would generate the **project** in a spatial and temporal manner.

It has to be that the scenario without projects are only the plains of the Sierra Cucapah, the surface of the project area turns out to be 100% arid, without rivers and perennial water bodies. The surface is practically in abandonment and for this reason it is considered feasible for industrial use that will bring with it an economic benefit.

Component	Scenario with project	Scenario with project and mitigation measures
Climate	At the level of the microclimate in some space, it is possible to expect modifications of low incidence and reduced magnitude by the lack of vegetal cover, situation that will be reverted with the passage of time, if the forecast of natural revegetation of the zones is reached. During the construction phase, the release of gases from the operation of internal combustion engines of trucks and machinery, as well as from dust particles is anticipated, which may reduce the perceivable quality of the air in the area of establishment of the project , and that by the action of the wind can increase the affection to the zones near the project , it is a cumulative impact characterized by its immediate reversibility. The impact of this will be direct and temporary.	There is a trend of change that is due to global factors independent of the project. Supervision measures will reduce air pollution from dust, machinery gases and decreased visibility with dust during site preparation.
Surface Hydrology,	In the rainy season, material washing is expected to destabilize the soil structure at some point, particularly during construction, when the soil material is loose and without compaction, the project does not cross streams. Rivers or temporary drains where special crossings will be made	The design condition ensures the stability of the slopes of the banks of bodies of water.
Vegetation and land use	During the preparation of the site, the vegetation cover will be removed in about 4209 ha, different types of vegetation: scrubland Sarcocaul. Temporary tasks will be established in areas devoid of vegetation.	The implementation of the Flora Rescue and Relocation Program protects plant species with ecological importance, such as cacti, as well as the only species at risk cited in NOM-059-SEMARNAT-2010. Sites occupied by temporary works, as mentioned above, will be located in areas devoid of vegetation.



Component	Scenario with project	Scenario with project and mitigation measures
Fauna	<p>There is a close relationship of presence of fauna with the different types of habitat formed, each in turn, by the different types of vegetation present in the Area of influence of the project. While the presence of observed fauna is a partial snapshot of the existing one, the potential inventory was determined by studies that concluded in identifying the SAR as a space in which the reduction of the faunistic populations is evident. With this, it is considered that, although different habitats will be affected with the establishment of the project, other sites within the SAR present optimal conditions for the establishment of such organisms.</p> <p>The project will cause the induced displacement of certain organisms of the fauna. This is anticipated as a remarkable impact.</p>	<p>There is a relation between the presence of fauna and the existence of habitat conformed by the types of vegetation, lodge, fauna wilderness that has a range of movements inside and outside the SAR, giving relocation and adaptation of neighboring areas.</p> <p>The programs implemented through the PVA and, in particular, the rescue and relocation of fauna allows to protect the native fauna and to avoid its mistreatment, sale, or loss by mismanagement.</p>

Environmental diagnosis: With the recovery of natural areas it is expected that the habitats lost by the establishment of the **project** will be restored, even in a minimal proportion in relation to the baseline, will have for companies a cleaner fuel supply than diesel Or fuel oil, which will reduce pollutant emissions to the atmosphere drastically.

Identification of the methodological instruments and technical elements that support the results of the manifestation of environmental impact.

17. That in accordance with the provisions of article 13, section VIII of the **REIA**, the **promoter** must make a reasoning in which it demonstrates the identification of the methodological instruments and of the technical elements that underpin the information with which it complied with fractions 11 to VII of the said precept, so that this **DGIRA**. In order to comply with the above, the **promoter** presented the topographic plans of each of the works that contemplates the **project**, bibliography, images, photographs and the Environmental Surveillance Program, which constitute elements techniques that support the information that make up the **MIA-R** and **I.A**.



Technical opinions received

18. That, in response to the requests for opinion on the development of the project, the following was received and, although as provided in Article 54 of the **LFPA**, opinions are optional and not binding on the body that requested them, added a comment to them.

OPINION	COMENTARY
<p>Secretariat for Environmental Protection of the State of Baja California</p> <p>It is worth mentioning, the Secretariat of Environmental Protection of the State of Baja California, issued two opinions, the first regarding Information contained in the MIA-R and the second in relation to the observations made by the DGPAIRS. In his technical opinion issued by ex officio SPA-MXL-002 "/ 2016, made a number of comments, following:"... That according to the PROMOTER, the PROJECT consists on the development within an area of 14,782 ha, tasks and activities related to the generation of electric energy from photovoltaic cells and / or solar thermal systems, use of hazardous waste and special handling, extraction of stone materials, middle schools, higher And housing, commercial and service areas, as well as conservation and sustainable forestry.</p> <p>Likewise, the PROJECT is located within the limits of the Population Center stipulated by the Urban Development Program of the Population Center of Mexicali, Baja California, 2025.</p> <p>Accordingly, in the POEBC no prohibitive criteria are established for the development of the type of projects proposed by the PROMOTER provided that the applicable provisions are respected.</p> <p>... Under the result of the analysis of the information contained in the electronic copy of the</p>	<p>In this respect, this DGIRA considers within the Environmental Impact Assessment Procedure that the tasks and activities of the project are subject to compliance with the applicable legal regulations regarding land use and municipal permits that derive from the realization of the same, That this project is compatible and viable with the Urban Development of the Population Center of Mexicali, Baja California, 2025 and its compliance with the permits and authorizations is referred to in the THIRD TERM of the present office.</p>

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OPINION	COMENTARY
<p>Manifestación de Impacto Ambiental Regional modality (MIA-R) of the project Called "EcoZoneMx Integral Project", with an intended location to the southwest of the city of Mexicali, Baja California by the highway Mexrami- San Luis Libramiento Río Colorado, settling on the eastern slope of the Sierra Cucapah, promoted by VIZ RESOURCE MANAGEMENT. S.A. DE C.V., and in accordance with Article 35 of the Ley of Environmental Protection for the State of Baja California, this Secretariat of Environmental Protection determines that PROJECT is FACTIBLE, as it is not contrary to the provisions of the Extended Version of the Ecological Ordinance Program of the State of Baja California, published on July 03, 2014 in the Official State Newspaper.</p> <p>In the technical opinion issued by office DPA / ARA / 12/2016 dated 3 June 2016, in relation to the observations of the DGPAIRS, made a number of comments, including the following: "In this sense and in response to the Land Use, Location and Nature of the Project, this Protection of the Environment of the XXI City Council of Mexicali, Baja California, has to issue an opinion of VIABILITY to the project "EcoZoneMx", having to attend at all times to the recommendations made, request the municipal permits and report on the program of Start of work..."</p>	
<p>General Directorate of Wildlife (DGVS) In their technical opinions</p>	<p>This DGIRA states that the observations regarding its first technical opinion were included in the additional information letter indicated in RESULT</p>

Offices SGPAIDGVS / 01748/16 dated February 25, 2016 and SGPA / DGVS / 02452/16 dated March 11, 2016.

In his first office it pointed out that:

XXIII.

In relation to the second opinion, this **DGIRA** conditioned in the **THIRD EIGHTH Condition**

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<p>"... The project contemplates the work or activity Of: "Management, revaluation and Disposal of hazardous waste (EMRRP) "(with an area of 348 Ha, and is not aesaibe in detail), which will be located 8 (eight) kilometers from the border of Mexico with the United States of North America, so it is recommended to consider what is stipulated in The Agreement between Mexico and the United States of America on Cooperation for the Protection and Improvement of the Environment in the Border Zone, which defines as the "border area", the area located up to 100 kilometers on both sides of the lines (Article 4), which stipulates that: "The Parties shall, as appropriate, evaluate, in accordance with their respective national laws, regulations and policies, projects that may have significant impacts on the environment of the border area, so that they can consider. Appropriate measures to avoid or mitigate adverse environmental effects "(Article 7).</p> <p>In addition to this station, it would be adjacent to the commercial and services area, and in accordance with Criterion HE 02 (Decrease of the Ecological Footprint of the Ecological Program of the State of Baja California), which mentions that "... buildings should not be located at A distance of less than 500 meters of final disposal sites of solid waste in operation and in the vicinity of buildings intended for or occupied by hazardous activities."</p> <p>The second technical opinion stated that: "... The development and implementation of studies and environmental programs as a strategy for the management of native wild species, which includes the</p>	<p>Three, Four and Five of the present resolution, regarding the implementation of environmental studies and programs as a strategy for the management of native wild species, which includes the set of Management units for conservation.</p>

set of management units for

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OPINION	COMENTARY
<p>the conservation of adjacent wildlife. such as:</p> <p>Comprehensive Flora Management Program (Rescue and relocation)</p> <p>It must contemplate the rescue and relocation of specimens of flora that are in the site, under some category of risk, or Ecological or ethno-botanical importance for the Region guaranteeing their survival. Describing the techniques and methods in detail to develop this Program to implement a continuous and permanent reforestation program for the entire life of the project with native species within the conservation area manifested "in the MIA-R with an area of 9,604 ha, giving priority to the species rescued from the areas of the tasks and activities that are gradually developing manifested in the surface of 5,178 hectares.</p> <p>Protection and conservation program Of wildlife (repelling) Describes the techniques and methods for developing this program:</p> <p>To carry out the evaluation of the habitat and the destination of the fauna specimens and their relocation within the conservation area manifested in the MIA-R with an area of 9,604 ha.</p>	

Guarantee the survival of the specimens and the rescue of species or endemic fauna and that are in some category of risk within the surface of 5,178 ha of the works and activities to develop in the project.

Carry out the rescue and relocation of specimens of slow-moving species which should be intensive, continuous and during the useful beam of the project as well as the development of the tasks and activities that are gradually integrated to

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the surface of 5,178 hectares.

Search at all times while having the smallest possible time to release 105 individuals in "captivity", making their release to the conservation habitat of 9,604 hectares immediately (previous habitat avoidance). To avoid the contact of Cruelty or mistreating and guarantee the dignified and respectful treatment of 105 specimens of wild fauna, that have been evacuated or relocated in the area of conservation of the **project**.

Monitoring Program

It will be necessary to follow up to endemic fauna specimens and in some category of risk to be rescued and relocated, as well as of those species that make use of the habitat in the conservation area of 9,604 ha, with special emphasis on the bighorn sheep (*Ovis Canadensis*), in order to evaluate 105 effects with the release of the same individuals, other associated isolates and the habitat in which they interact, as well as to establish new measures to reduce 105 factors that may affect their survival.

Establish environmental indicators for the evaluation of the effectiveness of 105 species rescue and relocation programs.

Study on reproduction, breeding, feeding or sheltering of species in some status of NOM-059-SEMARNAT2010.

It must carry out studies on breeding, feeding or sheltering, as well as the definition of biological corridors, pointing out the problems and uses to which the species are subject in some NOM-059-SEMARNAT-2010 status, in Especially the bighorn sheep (*Ovis canadensis*) that is the emblematic species of the state of Baja California, the rattlesnake (*Crotalus viridis*) and white-tailed deer (*Odocoileus hemionus*) among others.

OPINION	COMENTARY
<p>Update and development of new studies on the monitoring of flora and fauna by the loss of habitat on the surface of 5,178 hectares for the incorporation of tasks and project activities.</p> <p>For each task or activity that is gradually incorporated into the project, on the surface of 5,178 hectares. It must carry out the update or, if applicable, the realization of new monitoring of flora and fauna, reporting their abundance and distribution and indicating if they are in any of these protection areas within the NOM-059-SEMARNAT-2010.</p> <p>The development and establishment of a Management Unit for the conservation of Wildlife of the bighorn sheep (Ovis canadensis)</p> <p>Within the 9,604 hectares that will be established For the conservation of regional habitat, promoter shall establish a Unit for the Conservation and introduction of species of bighorn sheep (Ovis canadensis), whose purpose will be the conservation of natural habitat, populations and specimens of bighorn sheep (Ovis canadensis), and it's the reason why this species cannot be subject to exploitation. The promoter must present the notice before this General Directorate of Wildlife for its incorporation to the system of Management Units for the Conservation of the Wild Life. Presenting the information required in Article 40 of the General Wildlife Law. "</p>	
<p>Center of the National Institute of Anthropology and History in the state of Baja California.</p> <p>In his technical opinion issued by ex officio 401.F (4) 106.2016 / 2S0 dated March 17, 2016, made a number of observations, including the following:</p> <p>"Regardless of the archaeological sites registered to date, in all the area surrounding</p>	<p>In this regard, this DGIRA considers within the Environmental Impact Assessment Procedure, that the tasks and activities of the project are subject to compliance with applicable legal requirements. In Monuments and Archaeological, Artistic and Historical Areas that derive from the accomplishment of the same, reason why its fulfillment is referred in the THIRD TERM of the present office.</p>



OPINION	COMENTARY
<p>the site of future works, this Institute to date has detected new sites with cultural value so they have already been sent for registration, so Based on article 3 of the Federal Law on Monuments and Archaeological, Artistic and Historical Areas, I would like to request your support so that with urgency and in the context of their attributed to the promoter to comply with the applicable regulations, in this case the Federal Law on Monuments and Archaeological, Artistic and Historical Areas, its regulations and other applicable provisions, where at no time has this institution issued a resolution and consequently the corresponding permit, as established by the Articles 42, 43, 44, and other relative of the Regulation of said Law ...</p> <p>In addition, the promoter must be a Procedure for the Development of Archaeological Research and Rescue - in Public or Private Infrastructure Works Areas ...</p> <p>Until the promoter before this dependence, we know the project, scope of the work and, if applicable, the prospecting agreements and / or rescue in order to agree on technical and legal mechanisms that allow the preservation and study of sites and archaeological findings, the resolution authorizes or not to carry out the tasks or works"</p>	
<p>Directorate-General for Environmental Policy and Regional and Sectorial Integration</p> <p>The technical opinion issued by DGPAIRS / 413/000233/2016 dated March 29, 2016, made a number of observations, including the following:</p> <p>"... According to the UTM coordinates reported in the</p>	<p>This DGIRA requested the opinion of the Environmental Protection Agency of the State of Baja California, in relation to the observations made by the DGPAIRS, through a letter indicated in RESULT XXXV.</p>

MIA-R, the project as a whole will be located in the Environmental Management Unit (UGA) 2.d of the Ecological Management Program of

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<p>Ecological Management Program of the State of Baja California, published in the Official Period Of the State on July 3, 2014.</p> <p>For this UGA, this instrument of environmental policy establishes the policy of sustainable use that aims to maintain the functional integrity of the territory, providing criteria for ecological regulation so that the use of natural resources generates the least impact on the environment, avoiding endangering the balance of ecosystems, which may lead to environmental deterioration.</p>	
<p>Directorate of Environmental Protection</p> <p>In his technical opinion issued by ex officio DPA / ARA / 12/2016 dated 3 June 2016, made a number of comments, among which are the following:</p> <p>"... in accordance with the considerations of Land Use, Location and Nature of the Project, this Environmental Protection Directorate of the XXI City of Mexicali, Baja</p>	<p>In this respect, DGIRA considers within the Environmental Impact Assessment Procedure that the tasks and activities of the project be subject to compliance with the legal regulations applicable in the field of land use and permits and authorizations in municipal matters that derive from the realization Of the same, so that its compliance is referred to in the THIRD TERM of the present office.</p>

California, has the right to issue **VIABILITY** opinion to the project" **EcoZoneMx** must attend at all times To the recommendations made, to request the corresponding municipal permits and to inform the program of commencement of work. "

19. In accordance with articles 34, section IV of the **LGEEPA**, and 41 fraction III and 43 fraction V of the **REIA**, comments and presentations were received, which the **DGIRA** has integrated into the **project** file, as well as the questions formulated at the public meeting and in accordance with articles 34 section V of the **LGEEPA** and 41 section IV of the **REIA**.

RESULTS OF THE CONSULTATION PROCESS

In accordance with articles 34 section IV of the **LGEEPA** and 41 fraction 111 and 43 section V of the **REIA**, comments were received from the **DGIRA**, which has been integrated into the **project** file in accordance with the **project** file. With articles 34 fraction V

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of the LGEEPA and 41 fraction IV of the RREIA, which do not consider prevention and mitigation measures or observations related to environmental aspects of the project, which are listed below:

Person or dependency	Observations
C. Nicolle de León	What is the project about, when is the environmental impact
C. Gerardo Medina Basulto	It will be an international pole of industrial development for the recycling, exploitation and revaluation of materials and waste. In addition, extraction of stony materials.
C. Gustavo Martínez Castellanos	I hope the project is not canceled.
C. María Márquez Sandez	I wish I benefited in great matter
C. Tania Isela Tamayo	Isn't the hazardous waste area located just down the road to the Rumorosa not too trusting?
C. Mercedes Ortiz	They should make it public or disseminate the information to the public.
C. Jorge Rivero del Olmo	As long as the proposed sustainable development plan does

	not affect the area as well as impact it.
C. Diego Armando Pichardo Villaruel	Not to the confinement of toxic substances in Baja California.
C. Luz Mária Ortega Villa	On p. 162 of the EcoZoneMx (Sukarne) project, comes a map showing the project closeness and the geological fault of the salt lagoon, which was opened in the 2010 earthquake. They recognize that the regional environmental system (SAR) The project is highly susceptible to seismic events, but they say that there is a lack of information to predict the effects that might be caused on buildings or infrastructure, it is certain that there will be another strong earthquake (many studies support it) and with a confinement so close to the fault we would have a toxic Chernobyl, on the other hand, on p. 61, which deals with the management and revaluation station of imported waste exported between Mexico and the United States, with which it is clear that this is a confinement of waste to serve the US.
C. Mario Alfonso Berrocal González	He requested a 90-day extension to review the MIA.
C. Lynda Alheli Ontiveros Córdova	I hereby note my dissatisfaction with the development of this protection, based on the lack of information and a valid and detailed study of the applicant in the environmental impact manifestation section, not making clear what the long-term impact would be, Both for the flora and fauna and for the inhabitants of the Sierra Cucapah.

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C. Claudia Alexandra Torres Gúzman	We should not see the Mexicali Valley as an industrial dump, we do not want any more pollution and we will do everything in our power to prevent the wires from moving in favor of interests that obviously do not benefit the Mexicali Society.
C. Jazmín Borbón Juárez	Yes
C. Evelin Córdova	I wish no such project could be built.
C. José Damián Hernández	Products to be disposed of in this area are toxic
C. Flor Elena Mora Corrales	The call for consultation is based on an incomplete document, for which reason the citizen has not been given audience or a real opportunity to participate in the environmental development of the region. I do not omit to mention that the SEMARNAT participation processes are very questionable and that the consultation was not known by the populations besides that it has not been published in a regional newspaper as noted by the Law of Matter, SEMARNAT must reject the MIA For omissions, since in addition to having blank sheets (pp. 188-192) where it should being the description of the fauna, does not have other data as the corresponding to the applicant.

Asociación de Sports de México AC	On page 187 to 193 where reference should be made to the impact that the project will have on the fauna of the place is blank and ignore the subject.
C. Reinaldo Genaro Larios López	Yes, they do not mention the Bighorn Sheep in the MIA.
C. Samuel González	We disagree
C. Rosa Laura Gómez	I object to this project
C. Oscar Julio Cardoso Hernández	Suggestion: it will add another risk to the health of Mexican citizens, we are a much polluted city and to add a chemical risk to their health on top of it all. I propose that the date of public consultation be extended and that its publication should have a greater impact so that all those affected can express their opinion and position before the project.
C. Flor Elena Mora Corrales	The consultation was not known by the population besides that it has not been in a newspaper of the region like tapes the Law in matter.
C. Blanca Dalía Navarrete Murillo	Of the area that is intended to be developed the project does not mention the affectation to the fauna of the place, in this desert zone there is bighorn sheep which can be affected, we are supposed to protect it, and in addition it is a seismic zone. It is convenient to carry human settlements that may be at risk.

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C. Marianne Moreno	Because it is habitat of the Bighorn Sheep, I oppose that waste is discarded in that area
C. Mario Alfonso Berrocal González	Information on the fauna that will be affected and extend the consultation to review the MIA carefully to 90 days
C. Irma León Agundez	Habitat of the Bighorn sheep that is in protection status.
C. Marianne Guevara Villareal	The area in which the project is intended to be developed is habitat for the bighorn sheep.
C. Victor Enrique Carrasco Chanes	This area is an active area for cycling, hiking, mountaineering, as well as a place where there is a seismic fault very close, thinking of turning it into a shelter of toxic material is unthinkable.
C. Ignacio Alfredo Martínez Luna	The authorization requested is based on the fact that it is a park where highly risky activities are carried out, without specifying why, and if the place where the site was selected is the most appropriate.
C. Marco Gómez	If the Public Consultation is very guarded I found out by other means and by the communiqué of the society, it was added in the dark.

C. Efraín Reyes Pimentel	There are errors that show the lack of knowledge about the seismic risk of the area and consequently the improper handling of any type of hazardous material in that area.
C. Carlos Eduardo Cerda Magaña	Please take into account the environmental elimination that the bighorn sheep will suffer.
C. Nancy Paola Castañón Paredes	Seek to keep cartons of waste from being placed in secluded and closed places as accidents and spills are very likely.
C. María Fernanda González Paláfox	That the access is easy to the renter and to tourists, besides that the society is involved so that it has of belonging with the park Cancun.
C. Cynthia Madrid Herrera	Something good for the population is why it is going to generate jobs worse it is necessary to review that it is therefore sustainable.
C. Claudia Alexandra Torres Gúzman	One should not see the Mexicali Valley as an industrial dump.

RESULTS PUBLIC PROJECT INFORMATION MEETING

In relation to the public information meeting of the **project**, there were 206 attendees and 16 presentations, as well as the observations of the Baja California Nucleus of the Advisory Council on Sustainable Development, the following table shows the presentations made at the public meeting:

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Process of public information gathering		
NO.	Name	Presentation
1	Temoc Ávila Hernandez	Engineering Analysis of the ECOZONEMX Project and the Contamination of Mexicali
2	Luz María Ortega Villa	"What the MIA tells us is what it does not tell us"
3	León Felipe Ruiz Presidente del Colegio de Auditores Ambientales de Baja California, A.C.	Five questions
4	Julio Alfonso Mercado Rodríguez	Observations to the ECOZONEMX in relation to the management of the fauna: special case bighorn sheep.
5	José Guadalupe Landeros Valdés	Deficiencies in information related to flora and fauna of the ECOZONE MIA
6	Alejandro del Carmen León Gastelum	Factors in favor of the environmental and cultural

	Centro Integral del Medio Ambiente y Salud, A.C.	conservation of the Sierra Cucapah
7	Cuauhtémoc Herrera Aguilar	ECOZONE, A catastrophe or opportunity factor?
8	Marco Gómez Meza	Justification for the existence of Bighorn sheep (Species with special protection) in Sierra Cucapah
9	Guadalupe Acuña Álvarez Consejo para el Desarrollo Económico Sustentable de la Laguna Salada, A.C.	Impact of ECOZONEMX
10	Diana Magdalena Ramírez Zazueta	Economic development
11	Jesús Salvador López Urquijo	Refraction and Sanitation of Ironwood.
12	Efraín Reyes Pimentel	Seismic Risk
13	Jesús Antonio Jaramillo Echegaray	Transforming our environment
14	Ramona Rodríguez Ponce	My thinking
15	Luis Antonio González Uribe Centro de Estudio de Energía Renovables de la UABC	Solar resource and potential of photovoltaic systems
16	Juan Martín López Chávez	Centro INAH, BC.

Also, the recommendations of the Consultative Council of Sustainable Development Nucleus California, during the public meeting, were:

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- Consider the cumulative, synergistic and residual impacts, because they are not considered during the **project** such as: slopes, perforations during the extraction of stony materials, total degradation of floors, pavements and / or construction of houses and subdivisions, destruction of burrows.
- Consider the sacred ceremonial centers of the Cucapah community;
- More technical information regarding flora and fauna species within 14,000 ha.
- Expand mitigation measures, because they are very general and do not establish specific measures for the **project**.
- Adverse environmental impacts on the habitat of Bighorn Sheep, as an emblematic species of the state of Baja California
- Detailed information on the confinement of hazardous waste as: conceptual plan, work program, operation and maintenance and linkage with NOM's
- Establish mechanisms for citizen participation and involvement, through a Citizens' Committee (COCEF-BDAM Model).

TECHNICAL ANALYSIS

20. What the **LGEEPA** states in its article 3, section XXI, that the Environmental Impact Statement is the document that, based on the studies, discloses the significant and potential environmental impact generated by a work or activity, as well as the way to avoid it or to reduce it if it is negative.
Likewise, Article 30, first paragraph, states that in order to obtain the authorization regarding the environmental impact referred to in Article 28 of the Law in question, interested parties must submit to the Secretariat an Environmental Impact Statement, which must contain at least a description of the possible effects on the ecosystems that could be affected by the work or activity in question, considering all the elements that make up those ecosystems, as well as the preventive, mitigation and The others necessary to avoid and minimize negative effects on the environment.
21. In accordance with the geographical location and characteristics of the **project**, which are identified in **CONSIDERING 6** of this letter, the **DGIRA**, in compliance with the provisions of article 35 of the **LGEEPA** to issue the present resolution in a well-founded and motivated manner according to law During the Environmental Impact Assessment Procedure of the **project**, was subject to the provisions of the following legal provisions applicable to the **project**:

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- ✓ General Law on Ecological Equilibrium and Environmental Protection (LGEEPA) and its Regulation on Environmental Impact Assessment (RREIA).
 - ✓ General Wildlife Law (LGVS) and its Regulation (RLGVS).
 - ✓ Official Mexican Standard NOM-059-SEMARNAT-2010, Environmental Protection-Species native Mexican flora and fauna-risk categories and specifications for inclusion, exclusion or change-List of species at risk.
22. Similarly, this **DGIRA** in compliance with the provisions of Article 44, Sections I and II of the **RREIA**, evaluated the information contained in the **MIA-R** and the **I.A.** of the **project** considering the possible effects of the works or activities to be developed in the project area (**AP**) and the **SAR** considering all the elements that comprise it and not only the resources that were object of exploitation or affectation, as well as respecting the Functional integrity and loading capacities of the ecosystems of which these ecosystems are part and preventive, mitigation and other measures that are proposed to avoid or minimize negative effects on the environment.
23. From the evaluation of the information that the **promoter** presented in the **MIA-R** and the **I.A.** Regarding the set of elements that integrate the ecosystem, the

functional integrity and the capacity of loads, as well as the preventive, mitigation and other proposals by the **promoter**, where it is intended to develop the **project**, this **DGIRA** warns that:

- a. In the project area, there could be a permanent geological irrigation derived from the Imperial, Cerro Prieto and Michoacán faults that are registered near the project infrastructure, so this **DGIRA** in the additional information requested a Geotechnical Study of the site, where It is demonstrated that there are no geological accidents at the planned facilities, the **promoter** decided to modify the location of the works for the Development of Industrial Parks, Services and Infrastructure, to eliminate geological risks associated with the proximity of such failures.
- b. That within the adverse impacts to the diversity of species of flora and fauna listed in some environmental protection status of **NOM-059-SEMARNAT-2010**, in relation to the present fauna, such as Bighorn Sheep (*Ovis canadensis*), species emblematic of the region and the state of Baja California Sur; the california rodent meteor (*Microtus californicus*) and the desert cambalachera rat (*Neotoma lepida*); the trumpet bat (*Choeronycteris mexicana*); the tlacoyote (*Taxidea taxus*), in relation to the present flora Biznaga (*Echinocactus platyacanthus*) and Ironwood (*Olneya tesota*), the **promoter** proposes to guarantee the functional integrity of the habitats of these species in the present ecosystems, preventive measures , mitigation and compensation that this **DGIRA** considers technically and environmentally viable, such as:

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- A wildlife conservation area of 9,654.94 hectares, to ensure that the species present have functional integrity on the surfaces of habitats in the Region.
 - The installation of a nursery, where temporary maintenance of all rescued species is carried out, with an emphasis on Biznaga (*Echinocactus platyacanthus*) and Ironwood (*Olneya tesota*) and reproduction thereof for later relocation in the area of conservation of 9,654.94 hectares.
 - The creation and registration of Wildlife Management Units for the species of Ironwood (*Olneya tesota*) and Bighorn Sheep (*Ovis canadensis*) within the conservation area of the 9,654.94 hectares.
 - A flora and fauna rescue program, with an emphasis on the species listed in some environmental protection status of **NOM-059-SEMARNAT-2010**.
 - A reforestation program with native species for the creation of green areas in the areas of infrastructure development.
- c. The proposed measures anticipate a reduction in the relevance of environmental impacts to the flora and fauna components, which are widely distributed in the

SAR, so that, even if some organisms could be affected, the affectation would occur on individuals within the same locality or community, and not in an obvious way to the total of the species. On the other hand, even when vegetation is affected by the change of land use, it is limited to a certain number of individuals, which is not expected to significantly affect the availability of the resource in the food chain or in unique habitats Or essential for the fauna, so that the conditions of the components of the ecosystem and their operation will be maintained. However, the **promoter** must comply with the conditions that are imposed.

- d. According to the above, this **DGIRA** considers that, even when the **project** will generate negative impacts, these can be mitigated or compensated, and the positive impacts that are expected will be reflected in the socioeconomic component of the area.

Based on the foregoing and based on the provisions of Articles 8, second paragraph, 25 and 27, of the **Political Constitution of the United Mexican States**; 1 fraction I, 4 and 5 fractions II, X, XI and XXI, 15 fractions I, VI, XI, 28 first paragraph fractions II and VII, 30 first paragraph, 34, 35 first, second, third, fourth, II and last, and 176 of the **LGEEPA**; Fractions I, II and III subsection O) fraction I, 9 first paragraph, 10 fraction I, 11 fraction III, fractions I, II and III (O) fractions IX, X, XII, XIII, XIV, XVI, XVII, , 13, 21, 37, 44, 45 fraction II, 46, 47, 48, and 49 of the **RREIA**; 2 fraction I, 18, 26, 32 bis. Fraction XI of the **Organic Law of the Federal Public Administration**; 19 fractions XXIII, XXV and XXIX, 28, sections I, II, V and VI of the **Internal Regulations of SEMARNAT**; 2, 14 first paragraph, 18, 26

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, 32, 57 of the **LPPA**, this **DGIRA** in the exercise of its powers, determines that the **project** subject to the evaluation that is dictated by this instrument is environmentally viable, and therefore has resolved **AUTHORIZE IT CONDITIONALLY**, subject to the following:

TERMS:

FIRST.- The present Resolution on Environmental Impact is issued in reference to the environmental aspects corresponding to the works and activities described below of the **project** called "**EcoZoneMx Integral Project**" promoted by **Viz Resource Management, S.A. de C.V.**:

- I. In the area of environmental impact, the change in land use in forest lands is authorized, as well as the construction and operation of the photovoltaic Plant, which will be located on the surface of 1,362 hectares, consisting of 322 arrangements of photovoltaic systems of installed capacity of 1.4 MW each, with a total installed capacity of the entire photovoltaic system of 451 MW. These arrangements are composed by 4 systems consisting of 42 series of 29

photovoltaic panels of 250 W each, installed in an area of approximately 2,470,000 m². Each photovoltaic panel will be mounted on special support for placement at ground level, which will elevate them to 1.5 meters from the ground. Each series of photovoltaic panels has solar tracking of one axis, which increases the efficiency of each panel by 30 to 40%. Likewise, there will be a 400 kV dual circuit electric transmission line with a length of 9.8 km, which will be connected to an electrical substation that will be built outside the project polygon.

- II. Only the change of land use on forest land is authorized in the area of the following works and activities that foresee its development in the future:
- The Industrial Development of Industrial Parks, Services and Infrastructure, which includes the Industrial Zone of Recyclers (ZIR) of special management waste; The International Center for Innovation and Training in Renewable Energy and Recycling; The Commercial and Service Area (ZCS) and the Housing Unit (UH).
 - Extraction of stony materials.
 - The Management and Revaluation of Hazardous Waste, which includes management activities, such as: temporary storage, reuse, recycling or co-processing and treatment.
- III. The construction and operation of these works and activities in the foregoing paragraph are excluded from this authorization, which must obtain the permits and authorizations indicated in **TERM THREE and EIGHTH conditional 6** of this document.

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The description and the coordinates of the authorized surfaces of points I and II of this **TERM** are set forth in **CONSIDERING 6** of this document

SECOND.- This authorization will have a validity of 3 years for the preparation of the site, construction and 50 years for the operation, maintenance and abandonment of the photovoltaic plant, as well as 16 years for the realization of the change of forest land use of the works and activities indicated in the **FIRST TERM** fraction II of this document. The deadline will start from the day following the date of receipt of this document.

The validity granted for the **project** may be extended at the request of the **promoter**, following accreditation of having satisfactorily complied with the Terms and Conditions of this resolution, as well as the prevention and mitigation measures established by the **promoter** in the **MIA-R** and Information. For the above, you must apply in writing to COFEMER with homoclave number SEMARNAT-04-008, within thirty working days prior to the expiration date.

Likewise, such request must be accompanied by a report signed by the legal representative of the **promoter**, duly accredited, with the legend that it is presented under protest to tell the truth. The aforementioned report should detail the relationship of the form and results achieved with compliance with the Terms and Conditions established in this authorization.

The aforementioned report may be replaced by the official document issued by the Federal Delegation of the Attorney for Environmental Protection (**PROFEPA**) in the state of Baja California, through which said instance shall state how the **promoter** has complied with the Terms and Conditions set forth in this resolution; In case you do not submit any of the documents mentioned above, regarding compliance with the Terms and Conditions, the management you carry out for the application of the term will not proceed.

THIRD.- Pursuant to Article 25, last paragraph, of the **LGEEPA** and Article 49 of the **RREIA**, this authorization refers solely and exclusively to the environmental aspects of the activities described in **TERM FIRST** for the **project** and is independent of the others that are due obtain, without prejudice to the determination of the federal and / or local authorities within their jurisdiction and within their jurisdiction, who will determine the various authorizations, permits, licenses, among others, that are required for the execution of the works and activities of the reference **project**.

In this sense, it is the obligation of the **promoter** to count, prior to the commencement of any activity related to the **project**, with all the permits, upgrades, licenses, among others, that are necessary for its realization, in accordance with applicable legal provisions In any matter other than that referred to in this resolution, provided that the resolution that it issues should not be considered as causal (binding) for other authorities in the scope of their respective powers to grant their authorizations, permits or licenses, among others, that correspond to them.

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For the above, the **promoter** prior to the start of any work or **project** activity must obtain, among others, the following authorizations:

- a) Authorizations for the change of land use in forest lands established by articles 53, sections I and 1117 of the General Law of Sustainable Forest Development, for the works and activities indicated in the **FIRST TERM** of this document.
- b) Permits in Monuments and Archaeological, Artistic and Historical Areas that may be applicable in accordance with the Federal Law on Monuments and Archaeological, Artistic and Historical Zones, its regulations and other applicable provisions.
- c) The Authorizations that are the competence of the government of the state of Baja California for the works and activities indicated in the **FIRST TERM** of this document.
- d) The Authorizations that are the competence of the Municipality of Mexicali for the works and activities indicated in the **FIRST TERM** of this document.
- e) As well as those permits, authorizations and concessions that are required by the

three orders of government for the project activities.

FOURTH.- The present resolution does not authorize the construction, operation and / or extension of any type of activities that are not considered in the **FIRST TERM** of this office; However, at the moment that the **promoter** decides to carry out any activity other than that authorized, directly or indirectly linked to the **project**, must do so from the knowledge of this **DGIRA**, in compliance with the provisions of the **SIXTH TERM** of this document.

FIFTH.- The **promoter** in the event that decides to make modifications to the **project** must request the respective authorization to this **DGIRA** in the terms foreseen in article 28 of the **RREIA**, with the sufficient and detailed information that allows this authority, to analyze if the o The decided changes will not cause ecological imbalances, nor exceed the limits and conditions established in the legal provisions related to environmental protection applicable to it, as well as what is established in the **Terms and Conditions** of this document. For this, prior to the beginning of the works and / or activities of the **project** that is intended to be modified; the **promoter** must notify the **DGIRA** of this situation, based on the **COFEMER** procedure with code number **SEMARNAT-04-008**. It is forbidden to carry out activities other than those indicated in this authorization.

SIXTH.- The **promoter** is subject to comply with the obligation contained in article 50 of the **RREIA**, in the event that he or she refuses to carry out the works and activities, reason of the present authorization for this **DGIRA** to proceed, as established in its section II and, if appropriate, to determine the measures to be taken in order to ensure that there are no harmful alterations to the environment.

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SEVENTH.- This resolution only refers to the assessment of the environmental impact that is foreseen on the ecosystem (s) of which it forms part of the **project** site and its area of influence, which were described in the **MIA-R** and the **I.A.** in accordance with the provisions of article 30 of the **LGEEPA**. Therefore, this resolution does **not constitute a permit or authorization to start works**, since they are the responsibility of other bodies (municipal, state and / or federal) in accordance with The provisions of the principle of concurrence provided for in Article 73, section XXIX-G of the Political Constitution of the United Mexican States; Likewise, this resolution does not recognize or validate the legitimacy of ownership and / or land tenure; So that the actions determined by the Secretariat itself, the federal, state and municipal authorities within the scope of their respective competencies are safe.

EIGHTH.- In accordance with the provisions of section II of the fourth paragraph of Article 35 of the **LGEEPA**, which establishes that once the environmental impact statement has been evaluated, the Secretariat will issue the corresponding resolution in which it may authorize the work Concerned and considering what is established by the first paragraph of Article 47 of the **RREIA**, which stipulates that the execution of the work or the performance of the activity

in question shall be subject to the provisions of the respective resolution, this **DGIRA** establishes that authorized activities of the **project**, shall be subject to the description contained in the **MIA-R**, in the plans included in the reference documentation, to the Mexican official standards that are issued for this purpose and other legal and regulatory provisions, as well as to the provisions In this authorization as follows:

CONDITIONING:

The **promoter** shall:

1. Comply with each and every one of the control, prevention and mitigation measures proposed in the **MIA-R** and the **I.A.** Presented for the development of the **project**, which this **DGIRA** considers feasible to be instrumented and congruent with the type of affectation that is intended to prevent, mitigate and / or compensate the SAR of the evaluated **project**; Likewise, it must comply with the **LGEEPA**, its **RREIA**, Mexican Official Norms and other legal regulations applicable to the development of the **project**, without prejudice to what is established by another administrative unit (federal, state and / or municipal) competent to the case, And comply with the measures indicated in **CONSIDERING 15** of this resolution, and the provisions of the Terms and Conditions established in this resolution, which are necessary to ensure the sustainability of the **project** and the discussion of the environmental balance of its environment.
2. Based on articles 35, penultimate paragraph and 83 of the **LGEEPA** and 51 of the **RREIA** and derived from the fact that in the **project** area the presence of individuals of endemic, threatened, endangered or protected species is reported Specially listed in **NOM—059-SEMARNAT-2010**, this **DGIRA** determines that the **promoter** must submit to this Administrative Unit within **three months** prior to the start of

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1. any work and / or **project** activity, the proposal for the acquisition of a **guarantee instrument** to ensure the Due compliance with the Terms and Conditions set forth in this resolution document as well as for the attention of possible contingencies that may arise during the different activities that involve the **project**.
The type, amount and mechanism of acquisition of the instrument will respond to the results of a technical-economic study presented by the **promoter**, taking into account the economic cost involved in the development of the activities inherent to the **project**, non- compliance with the provisions of this document, As well as the value of the repair of the damages that could be caused by the breach to it. This proposal will be reviewed by this **DGIRA**, and once approved the promoter must acquire it by sending to this secretariat the original, to subsequently comply with the provisions of articles 53 and 54 of the **RREIA**.
2. The promoter must submit, within a period of **six months** from the date of notification of this resolution (but prior to the beginning of the works and / or uninitiated activities of the **project**), to this **DGIRA** for its validation the following programs which must contain at least:

- **Comprehensive Flora Management Program (rescue and relocation)**
 - I. Objective (s).
 - II. Species to be rescued, and criteria for selecting specimens.
 - III. Estimated number of individuals to be rescued by species
 - IV. Delimitation of the sites where the rescue activities will be implemented, and location of the sites to relocate or transplant the rescued species. Justify the proposed areas, present their georeferences and show them on a plan.
 - V. Detailed description of the techniques and procedures for the rescue, management, conservation and relocation or transplantation of flora species (collection of germplasm, extraction of specimens, packaging, transportation, conservation of germplasm and specimens, acclimatization, etc.).
 - VI. Destination to be given to the germplasm (fruits or seeds), indicating, where appropriate, the location of the storage or sowing site, and describing the sowing and storage procedures.
 - VII. Requirements of personnel and equipment.
 - VIII. Proposal of the schedule of activities.

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- I. Indicators to measure program effectiveness, eg presence or conservation of species, or survival.
- II. Record log format where activities and results will be set. The log should include a section to record the status of species in accordance with NOM-059-SEMARNAT-2010, and their form of growth.

B) Reforestation program, to be carried out continuously and permanently throughout the useful life of the project with native species within the conservation area in an area of 9,654.94 hectares.

- IX. Objective (s).

- X. Location of areas to be reforested (flat and geo-referenced), and surface area of each. The area to be reforested must be justified in relation to the surface that will be affected by the works and / or activities of the projects.
- XI. List of plant species susceptible to be used in reforestation (scientific and common name), justifying their choice.
- XII. Origin and production of seedlings.
- XIII. Densities and patterns of reforestation
- XIV. Schedule of reforestation activities.
- XV. The description of the technical management to be submitted to the selected species from the planting phase to the establishment and replenishment of the individuals who have not survived to maintain the density originally proposed.
- XVI. The monitoring indicators to measure the effectiveness of the program, which could be for example the percentage of survival, its growth, etc.

C) Program for the protection and conservation of wildlife (repelling and relocation) by means of which the survival of specimens from the rescue of species of endemic fauna, slow moving, which must be intensive, continuous and permanent throughout the life of the project.

- XVII. Objective (s).

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- I. Delimitation of the species rescue area and location of proposed sites to relocate or release them indicating their environmental characteristics. Indicate the criteria with which the areas are justified, present their geo-references and show them on a plan.
- II. Species susceptible of rescue, and criteria to select them.
- III. Detailed description of the techniques and procedures of capture or rescue, management, transfer and conservation, temporary shelter or, if necessary, rehabilitation to their new habitat, and release and relocation of species (specify by zoological group).
- IV. Requirement of personnel and equipment.
- V. Proposal of the schedule of activities.
- VI. Indicators of performance to measure the effectiveness of the

program, which could be for example the state of the animals, the conservation of biodiversity.

- VII. Registration log format where activities and results will be based (the format should include a section to note the status of the species in accordance with NOM-059-SEMARNAT-2010).

D) Monitoring Program

- i. Objective (s).
- ii. Location of monitoring sites in the project area and its area of influence, display them on a plan and indicate their geo-references. Justifying the number of sites and their location.
- iii. Parameters or variables selected for monitoring, and units for measurement with which it will be determined that they are within the allowable values and the thresholds allowed by the applicable regulations will not be exceeded.
- iv. Description of procedures and techniques for monitoring (sampling, number of samples, transport, conservation, analysis, etc.).
- v. Proposal of the calendar schedule.
- vi. Requirements of personnel, responsible, and equipment.
- vii. Indicators to measure the effectiveness of the program.

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- I. Record log format where activities and results, or data presentation formats and results will be set.
- II. Procedures to be implemented when damage or severe impacts are detected to specimens of flora and fauna in any category of risk.

E) Comprehensive waste management program.

- i. Objective (s).
- ii. Types of waste to be generated and management of waste.
- iii. Indicators to measure the effectiveness of the program, for example, existence of residues in the areas, pollution (mismanagement).
- iv. Format of logbooks where the management of waste, or formats of presentation of data and results.

F) Soil Restoration and Conservation Program, with the aim of preventing or minimizing erosion processes (due to loss of vegetation cover), and soil structure degradation (due to polluting activities and infrastructure infiltration).

- i. Objective (s).
- ii. Location (plan and geo-references) and surface of sites to be intervened by the program.
- iii. Detailed description of the activities to be carried out and, where appropriate, the works to conserve the soil in each of the proposed sites. Sites and works and / or activities must be justified.
- iv. Maintenance activities of works.
- v. Schedule
- vi. Format of logs where activities and results will be set.
- vii. Indicators of success, which could be for example the natural regeneration of the vegetation cover, the quality, humidity or nutrient content of the soil.
- viii. Corrective procedures or application of other techniques.

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G) Environmental Training Program, with the purpose of raising awareness and acquiring knowledge of the personnel involved in the activities and works of the project to ensure that the prevention and mitigation measures are carried out effectively.

- i. Objective (s).
- ii. Goals and scopes.
- iii. Scheduled application program thereof.
- iv. Follow-up indicators.
- v. Conclusions.

H) Update of the Environmental Monitoring Program (PVA)

- i. Objectives.
- ii. Goals and scopes.

- iii. Responsible for the execution of the Program.
- iv. Program schedule of application thereof.
- v. Measures (s) to be used to prevent, mitigate or compensate identified environmental impacts.
- vi. Indicators of achievement: Time at which impact occurs.
- vii. Analysis, data processing and interpretation of results.
- viii. Check schedule: Frequency with which the good application of the measure will be corroborated.
- ix. Checkpoint: Where it will be checked (place and specifically on which environmental component).
- x. Measures of urgent application: In case the indicator does not work, what measures will be applied to reach the established goal.

In addition to the above, the **promoter** within the **PVA** must develop each and every one of the **control prevention and mitigation measures** proposed by the **promoter** in the **MIA-R** and the **I.A.** as well as all the measures contained in the terms and conditions of this office, which **DGIRA** considers to be instrumented

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and congruent, likewise must also include compliance with the provisions of the **LGEEPA**, its **RREIA**, Official Mexican Standards And other legal orders applicable to the development of the **project**.

Once approved by the **DGIRA**, the **promoter** must submit to the **PROFEPA** Delegation in the state of Baja California the reports of compliance with conditions that will include the results and observations obtained from its execution and follow-up on an annual basis. Likewise, this **DGIRA** must present a copy of the acknowledgment received from **PROFEPA** of said annual reports.

3. The **promoter** within the 9,654.94 hectares that will be established for the conservation of the regional habitat, must establish a Unit for the Conservation and introduction of species of Bighorn Sheep (*Ovis canadensis*), whose purpose will be the

conservation of natural habitat, exemplary populations Of the Bighorn Sheep (*Ovis canadensis*), reason why this species cannot be subject to exploitation. The **promoter** must submit to this **DGIRA** a copy of the record of the Management Unit for the Conservation of Wildlife.

4. The **promoter** within the 9,654.94 hectares that will be established for the conservation of the regional habitat, must establish a Unit for the Conservation Management and Use of the Ironwood species (*Olneya tesota*). The **promoter** must submit to this **DGIRA** a copy of the record of the Management Unit for the Conservation of Wildlife.
5. The **promoter** must submit to this **DGIRA**, prior to the beginning of any work or activity, the Environmental Impact Manifestations in their Particular modality (MIA's) to:
 - The Management and Revaluation of Hazardous Waste, which includes activities of individual or combined management, such as: temporary storage, reuse, recycling or co-processing and treatment.
 - The forest use of the species Ironwood (*Olneya tesota*), within the 9,654.94 hectares that will be established for conservation.
6. Based on articles 1 and 2 of the Political Constitution of the United Mexican States, as well as 117 and 120 of the LIE, and considering that there are reports of indigenous population in the municipality where the **project** affects, in compliance with what indicated in article 118 of said Law, it will be the SENER that determined the conducive.
In this sense, the **promoter** cannot carry out any of the works and / or activities related to the **project** as long as it does not present this **DGIRA**, a copy of the document that the SENER determines with the right with which it accredits compliance.

NINTH.- The **promoter** must notify the Secretariat of the beginning and conclusion of the **project**, in accordance with the provisions of article 49, second paragraph of the **REIA**, for which it will communicate

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in writing to this **DGIRA** and to the PROFEPA Delegation in the State of Baja California, the date of commencement of the authorized works and / or activities, within **fifteen business days** after they have commenced, as well as the date of completion of said works, within fifteen business days after This happens. Likewise, you must submit to this **DGIRA**, a copy of the acknowledgment duly requested by that authority.

TENTH.- The present resolution in favor of the **promoter** is personal. Therefore, in accordance with article 49, second paragraph of the **RREIA**, which provides that the **promoter** must notify the Secretariat of the change of ownership of the authorization, in case this situation occurs, must enter an agreement of wills in the That the transfer and full acceptance of the rights and obligations of the same be established clearly, so that this **DGIRA** determines the conducting,

observing the guidelines provided in the **COFEMER** procedure with homoclave number SEMARNAT-04-009.

ELEVENTH.- The **promoter** shall be solely responsible for carrying out the works and actions necessary to mitigate, restore and control all adverse environmental impacts and risks attributable to the execution and operation of the works and / or authorized activities, which have not been Consider in the **MIA-R**.

In case the authorized works and activities put at risk or cause affectations that would alter the patterns of behavior of the biotic resources and / or any type of damage, damage or deterioration on the abiotic elements present in the buildings destined to the construction of the **project**, as well as in its area of influence, the Secretariat may require the suspension of the works and activities authorized in this document, as well as the implementation of compensation programs, in addition to some or some of the security measures provided for in Article 170 of the **LGEEPA**.

TWELFTH.- The SEMARNAT, through the **PROFEPA** Delegation in the state of Baja California, will monitor compliance with the Terms and Conditions established in this instrument, as well as the applicable regulations on Environmental Impact. To this end, it shall exercise, among others, the powers conferred on it by Articles 55, 59 and 61 of the **RREIA**.

THIRTEENTH.- The **promoter** must keep in his domicile registered in the **MIA-R** respective copies of the file, of the **MIA-R** itself, of the **project** plans, as well as of the present resolution for the purpose of showing them to the competent authority that so requires it.

FOURTEENTH.- It is hereby made known to the **promoter** that the present resolution, issued on the occasion of the application of the **LGEEPA**, its **RREIA** and the others provided for in other legal and regulatory provisions in the matter, is issued subject to the provisions relating to the **administrative procedure** provided for in the **LFPA**, and may be contested, by means of the review, within fifteen working days following the date of its notification to this **DGIRA**, who shall, if applicable, agree to its admission and the granting or denial of the suspension Of the act appealed pursuant to the provisions of articles 176 of the **LGEEPA**, and 3, section XV and 83, of the **LFPA**

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Av. Ejército Nacional No. 223, Col. Anáhuac, Del Miguel Hidalgo, C. P. 11320, Ciudad de México.
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SEMARNAT
SECRETARIAT OF
ENVIRONMENT
AND NATURAL RESOURCES



Undersecretariat of Management for Environmental Protection
General Directorate of Environmental Impact and Risk

Office No. SGPA/DGIRA/DG 05153

FIFTEENTH.- Notify the contents of this resolution to **C. Javier Zepeda Borbón** legal representative of the company **Viz Resource Management, S.A. Of C.V.**, by any of the legal means provided in articles 35 and 38, other relative and applicable of the **LFPA**.

"For an ecological culture and the efficient use of the paper, the copies of knowledge of this subject are sent by electronic means"

C.c.e.p **Martha Garcíarivas Palmeros.-** Subsecretariat of Management for Environmental Protection.

Francisco Arturo Vega de Lamadrid.- Constitutional Governor of the state of Baja California. Executive Power Building 3rd. Floor, Calzada Independencia No. 994, Centro Cívico Comercial, C.P. 21000, Mexicali, Baja California.

Jaime Rafael Días Ochoa.- Mayor of the municipality of Mexicali. Calzada Independencia No. 998, Centro Cívico, CP. 21000, Mexicali, Baja California.

Guillermo Javier Haro Belchez.- Federal Environmental Protection Attorney.

Ignacio Millán Tovar.- Assistant attorney of Natural Resources of PROFEPA.

Alfonso Orel Blancafort Camarena.- delegate in the state of Baja California of SEMARNAT.

Isaack Jonathan García Pereda.- delegate in the state of Baja California of PROFEPA.

C.c.p. Minute Book of the General Direction of Impact and Environmental Risk

Case File 02BC2015I0009

Consecutive 02BC2015I0009-14

DGIRA1601758,	DGIRA1600954,	DGIRA1601211,	DGIRA1510484,	DGIRA1601884,	DGIRA1600672,
DGIRA1601205,	DGIRA,1601206,	DGIRA1600232,	DGIRA1601660,	DGIRA1601303,	DGRA1601304,
DGIRA1601332,	DGIRA1601354,	DGIRA1601355,	DGIRA1601356,	DGIRA1601357,	DGIRA1601358,
DGIRA1601359,	DGIRA1601360,	DGIRA1601361,	DGIRA1601362,	DGIRA1601363,	DGIRA1601364,
DGIRA1601253,	DGIRA1601252,	DGIRA1601246,	DGIRA1600923,	DGIRA1600935,	DGIRA1600936,
DGIRA1601010,	DGIRA1600993,	DGIRA1601033,	DGIRA1601011,	DGIRA1601108,	DGIRA1601109,
DGIRA1601111,	DGIRA1601112,	DGIRA1601113,	DGIRA1601170,	DGIRA1601178,	DGIRA1601179,
DGIRA1601200,	DGIRA1601201,	DGIRA1601202,	DGIRÁ1601203,	DGIRA1601208,	DGIRA1601254,
DGIRA1601662,	DGIRA1601209,	DGIRA1601210,	DGIRA1600811,	DGIRA1601822,	DGIRA1601985,
DGIRA1600809,	DGIRA1601758,	DGIRA1600394,	DGIRA1603880,	DGIRA1602523,	DGIRA1604814,
DGIRA1602419.					



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CONSTANCIA DE PERITO TRADUCTOR

Rebeca Morales de Corella, Perito Traductor Oficial del idioma inglés al español, debidamente autorizada por el **Consejo de la Judicatura de Baja California**, según Registro número **000374** como integrante de la lista de Peritos de la Administración de Justicia del Estado, en este acto certifico que la traducción anexa del idioma español a inglés es una traducción fiel y verdadera según mi leal saber y entender.

Documento traducido: **Documentos del Resolutivo MIA. Ecozone MX.**

Perito registrado en Consulado de Estados Unidos - Miembro de la Asociación de Intérpretes de la Corte de California
Presidente de ATIP, A.C.= Asociación de Traductores e Intérpretes Profesionales de Baja California, A.C.
Asesorías y Traducciones Corella. Calle María # 1335, Fracc. Residencias, Mexicali, B.C. 21280
Teléfono Oficina: 566-1500 Celular: **(686) 210-6076** corella233@hotmail.com

Traducción: 0007977

Mexicali, B. C., 19 de noviembre, 2016.


Rebeca Morales de Corella