

Name

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Course

Date

### **Protection of Biodiversity and Handling SpaceX**

After several years of activities conducted by SpaceX within the Laguna Atascosa location, the individuals in the society started noticing adverse effects such as loss of biodiversity and pollution. Therefore, for the people in the community to convince the city council and the inhabitants in Brownsville, they should ensure that they play a crucial role in the protection of biodiversity and hold SpaceX reliable for the prevailing activities. Thus, the authority should educate the community regarding the negative effects of pollution and the importance of biodiversity.

A region's biodiversity entails various animal and plant life. It is crucial to maintain biodiversity because it assists human beings and the ecosystem. Certain ecosystems have larger levels of biodiversity, which are larger and more productive. Humans benefit from higher ecosystem levels by acquiring water, timber, and food. On the other hand, pollution can lead to adverse effects, such as the extinction of certain species. Pollution kills various plants and animals. Also, the breakdown can destroy ecosystems relied upon by plants and animals by disrupting food webs. Therefore, certain species may decline. Corrosion can lead to the introduction of invasive species. Introducing invasive species makes it challenging for the local species to survive, thus minimizing biodiversity.

Individuals can use several ways to lessen the environmental damage caused by various organizations and SpaceX in Laguna. For instance, SpaceX should use fuel to generate power for their rockets to ascertain that they produce minimal pollution. Furthermore, the government

should enact strict laws to restrict organizations in the region and SpaceX regarding the amount of pollution the companies should emit into the atmosphere. On the other hand, the individuals in Brownsville should invest in other forms of energy such as wind power and solar to minimize pollution of the environment in society. The citizens of the nation depend on the welfare of the ecology. It is crucial to enlighten the individuals residing in Brownsville to minimize environmental pollution and protect biodiversity.

### **Long-term success of habitat restoration**

To ensure long-term success linked to habitat restoration, it is crucial to becoming conversant with the type of plants necessary in a certain region according to its climatic changes. Therefore, there are certain plants that grow in semi-arid grassland regions, such as thorn melons, pawpaws, dragon fruits, and mangoes. As such, it is crucial to ensure that the community in the area participates in the projects linked to habitat restoration through tree planting sessions. The authority in the nation should create awareness about safeguarding biodiversity to ascertain that all individuals in the community participate in the well-being of the ecosystem.

### **Land trust strategy**

The land owner could continue controlling their land by ensuring that they commit to a lease agreement with the Valley Land Fund. As such, landowners would have legal rights to the firm and retain their land. The land owner should ascertain that they meet the Valley Land Fund goals and objectives regarding biodiversity. For instance, they plant flowers, fruits, and vegetables. Local nurseries assist in acquiring new species, and supporting the wildlife assists in maintaining the ecosystem and preservation of biodiversity. (Ahlering et al. 573). Also, it is crucial to respect the local habitats, such as the plants that grow in parks. On the other hand, it is important to ensure that the products that individual purchases do not contribute to the

destruction of the habitat by the individuals in the community. The lease agreement strategy would benefit the landowner because they still have the right to ownership of property.

### **Issues between the US and Mexico**

There would be disagreement between the US and Mexico, leading to negative effects such as war and displacement of individuals from their habitats. However, the community would have social evils such as crime and prostitution. As such, there would be numerous homeless individuals in the community. The two nations should agree before initiating any actions. Nevertheless, economic benefits would occur if the wildlife protection area established an international wildlife protection area—for instance, the growth of trade because of the rise in the number of tourists in the region. Tourism boosts a nation's economic growth. As such, a nation's financial status rises because of an increase in the gross domestic product.

### **Indigenous tribes**

The indigenous individuals in the US include the Alaska natives, as well as American Indians. The Indigenous individuals faced numerous difficulties, such as eviction from their land.

### Works cited

*The Challenge of Sustainable Development,*

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Ahlering, M. A., et al. "Conservation outside protected areas and the effect of human-dominated landscapes on stress hormones in savannah elephants." *Conservation Biology* 27.3 (2013): 569-575.