

## Episode Score Report for SARASCANDLON

### Episode 3 Maintaining Terrestrial and Atmospheric Resources:

#### Results

Environmental Balance (E):61/100

Business Balance (Ec):80/100

Social Balance (S):72/100

SimApp Game Rank:



Rank: Eco-Hero

#### Episode Reflection Responses

##### Question 1:

Based on the presentation and your notes, list 3 key takeaways from the distribution center proposal.

Target Word Count: 100-300 words

Actual word count: 91 words

Not only the will the trucks have a negatiye effect on the air quality but also the power plants having to produce more power in order to support the new facility. As well as the emissions from these two issues. Unless they are going to run hybrid trucks and suply their own ecological friendly power supply. They do have a good response to water and waste that their actory is going to produce , but there will still be some issues that will hate to be resolved at a later time

**Question 2:**

Based on the presentation and your notes, list 3 key takeaways from the car factory proposal.

Target Response Word Count: 100-300 words

Actual word count: 111 words

There will be a lot more traffic in Sparksville due to more employees commuting to and from work. More citizens living in Sparksville so that they can be closer to work, so that they do not have such a long commute everyday. Traffic alone is going to cause a lot of emission issues as well as air quality from all of these vehicles. Higher population will also cause more crime in Sparksville as well as needing to have to upgrade the schools in order to accommodate the higher population. Sparksville will have to also expand all of their utilities in order to supply them all with power, water, and sewage.

**Question 3:**

Based on the presentation and your notes, list 3 key takeaways from the oil refinery proposal.

Target Response Word Count: 100-300 words

Actual word count: 108 words

Although she stated that they have new technology in air scrubbing and investing in being a green company in order to help the air quality: I still do not feel that it will be enough to make a big enough impact on the air to make up the difference in damage caused. Emissions are going to be horrible no matter how much or advanced their technology will be. The water and waste will be an issue with this type of facility in our town. Traffic, again with these many jobs coming will bring lots of traffic to our town, not to mention the emissions this will cause alone.

**Question 4:**

Based on what you know so far, which of the three facility proposals would you recommend to the City Council? Why?

Target Response Word Count: 100-300 words

Actual word count: 92 words

The distribution center , for a number of reasons. First, it will bring jobs into our community not a lot but enough to help the economy. Second: of all three proposals this is the only one that is not going to have a huge impact on our air quality, water , or waste management. This is a good company to bring into our community in the economical sense as well as the revenue produced from taxes with the company in our community can go towards our schools and health facilities mission .

**Question 5:**

How did you reach a balance of economic, environmental and political issues in reaching to your decision?

Target Response Word Count: 100-300 words

Actual word count: 115 words

Environmental was the easiest to figure out. I choose the distribution facility for the fact of a less environmental impact on our community due to emmissions, air quality, and water waste management. Economic was kind of a tuff one for the fact that the other two offered a lot more jobs and more income for our community but with them brought more traffic. Political was probably the hardest for the fact that the others brought more jobs to our community and some citizens did not want the oil business here or the other half did not want the hybrid car factory here. The distribution center was the in-between choose, and the wiser of the three.

**Question 6:**

Now with the benefit of hindsight, would you make the same recommendation? Why or why not?

Target Response Word Count: 100-300 words

Actual word count: 107 words

If I had to do it all over again I would hope that I would make the exact same choice. Not only was this choice the best one for economical reasons but also for ecological reasons as well. By choosing the distribution center we created over 2 million more jobs by bringing in the distribution facility, on top of that we had to create more public service jobs i.e., police, ems, re, and public workers just to keep up with the population increase we incurred. The distribution facility is a low risk for our environment and at the same time great producer of income for our community.

### Activity Breakdown

Activity	Score		
	E	Ec	S
Distribution Center Checklist	3	2	3
Hybrid Car Factory Checklist	2	2	2
Oil Refinery Checklist	-2	3	-1
Build Sparksville's Economy! Game	8	23	18

### Learning Objects Viewed

Number	Description	Views
1	Acceptability of Risk	1
2	Air Pollutants	1
3	Water Pollution Sources	1
4	Sources of Stream Pollution	1
5	Nonpoint Pollution Sources	1
6	Oil Spill Decline	1
7	Oxygen Curve	1