

## Project One Questions and Answers

1. How will this effect the jobs of those in the industry of different industries?
  - a. Recycling and discarding materials properly create jobs everywhere. There are jobs within collecting and sorting materials and new product creation with recycled materials. There can be a creation of over one million jobs with a recycling rate of 75%.
2. How can a company eliminate waste while also keeping up with new safety guidelines?
  - a. While a lot of masks are being thrown away and disinfecting happening during these times, there are some best practices to ensure we follow. Where reusable masks that can be washed after they are used when possible and practice correct waste handling and discarding of all items being used. There is still waste in the world, but how we discard of it and handle it, can save a little bit at a time.
3. What is the amount of reduction we need to see each year to start seeing an improvement?
  - a. Per the Environmental Protection Agency, the United States had a 35.2% rate of recycling in 2017. It breaks down to approximately 1.5 pounds of recycling per person, per day. If each person could recycle even a tenth more, we could start to see a difference yearly.
4. What is the main impact we can start to see once we can have a handle on waste reduction?
  - a. Cleaner air. This can change a way of life for some people and is a main factor for waste reduction.
5. How does waste impact animal life?
  - a. When waste enters the waters/air around animal life, they cannot survive. If they do survive, they can be impacted. This also includes when masks are thrown away improperly and get stuck around a duck's legs as well as a soda ring holder getting stuck around animal's legs and necks. If the animal life is affected, our lives are also affected.
6. What are the main concerns for waste in which is contaminating areas of the United States and other parts of the world?
  - a. Primary concerns include climate change, wildlife, and public health.
7. Within the United States, where is waste and contamination the most? The least?
  - a. This may change depending on the way you look at it. A town in Missouri has a hazard score of 84.9 and in Florida we can find one that is 70.7. While they may be 'the most contaminated' and one of the least, they are not that far apart.
8. What resources may be lost if we continue along this path?
  - a. Resources associated to any body of water will be lost as well as forests. With pollution species are not surviving which then also leaves materials to get to a minimum.
9. How will the world be economically impacted overall?

- a.** While there are not specific findings around the overall impact of the economy, we can see that jobs would be lost, less would be produced causing less purchased and overall a diminished economy.
- 10.** What practices can be incorporated into sorting facilities of recycling plants to allow for better outcomes?
  - a.** Better machines for sorting and algorithms to determine the outcome. Training can also be incorporated to include the most up to date practices and identification of materials.