

Essay 4: Crisis & Call-to-Action – Research Notes / Problem-Solution Worksheet

the crisis

- What is the problem or crisis?

Companies are polluting our air, water, and land. Although pollution is occurring, we have had little to no media coverage on the issue. The last type of coverage that we had was on the Fontana Herald News was in the year 2016 which talked about efforts to fix this problem, yet we have not had any updates.

- What are the causes?

Along with the ridiculous amount of cars, trucks, SUVs, and little to no carpooling being done, major companies are causing this pollution to occur. We have a big problem with pollution, but we must start with one causing agent of it and start to figure out how to better it. Once we have one problem solved, we will move to the next.

- What or whom is most affected?

Every single person that lives near a registered polluting company is affected. Our planet is affected. Every single person is affected especially pregnant women and children. They are the most vulnerable to being hurt by pollution.

potential objections to this explanation

- Would anyone say this is not a crisis?

No one would say that this is not a crisis. Everyone is well aware that this is a crisis, now I am not sure that everyone is willing to fix the problem.

- Who?

Every single person in their right mind would say that this is a crisis. Those who would admit it more are those personally affected by the problem such as pregnant women, and children who are born with birth defects. A lot of people with asthma or sickness that constrict their breathing would as well recognize the problem. People who study pollution would know that there is also a problem.

- Why?

The problem is that people recognize that this is an ongoing crisis. People are aware that there is a problem, but because there is not much media coverage on it, they tend to ignore it. Because people do not have pollution cites splattered all over their newspaper reminding them that it is a problem, they tend to throw it to the side as if it wasn't that much of a problem. Many people believe that if it was a great problem, it would have major news coverage.

evidence to illustrate the problem

List & cite research that will explain the crisis & overcome potential objections [facts, statistics, examples, etc.]:

EPA: According to the EPA Sierra Aluminum CO is a registered polluter. They had polluted Fontana with 43,167 pound of pollutant in the year 2015 alone. These are alarming numbers. They have a three year compliance status, but still are registered polluters. According to the EPA as well, many of the pollutants that they have released are chemicals that can cause cancer. I can pinpoint the types of chemicals and their danger thanks to <https://cameochemicals.noaa.gov/search/simple>

Metal Container Corp- Mira Loma Can Plant 130,508.13 pounds excreted not including cancer causing lead. Their other excretions have serious health affects according to cameochemicals.noaa.gov and to the epa

Fontana Paper Mills- excretes two major chemicals known to cause cancer. Many of their releases, they release more than recycle <https://www3.epa.gov/enviro/facts/tri/ef-facilities/#/Waste/92335FNTNP13733>

Newspaper: "The Inland Empire is home to some of the most polluted air in the country, and that means millions of residents are at greater risk for lung cancer, asthma attacks, heart attacks, and premature deaths." According to http://www.fontanaheraldnews.com/news/inland-empire-continues-to-have-some-of-the-most-polluted/article_6fa2ec79-777b-5e6d-97f5-08cba5756d2d.html

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possible solutions (the call to action)

- What are the possible solutions?
Possible solutions to these problems is to get people to be informed. If they are not outraged, they are not listening.
- What are the benefits of those?
The benefits may be forcing companies to find different means of handling their excretions of chemicals.
- What are the possible limitations?
Possible limitations include that the companies and people will not comply.
- How much will they cost?
It will cost them research to find ways to excrete their pollutions safely.
- Who or what will pay for them?
The city of Fontana will pay for them as we are given money for projects specifically like this one.
- What solutions have not worked in the past?
Solutions that have not worked in the past is protests that are just that. Protest that eventually die out and is not talked about anymore.
- What solutions have worked in other places?

http://web.mit.edu/12.000/www/m2015/2015/solutions_for_industrial_pollution.html goes into detail how to help this ongoing problem.

potential objections to these solutions

- Would anyone disagree with the solutions?
The people who may disagree are the companies. They may disagree because it will take brain power from them to help us further help the problem. If we all push them, they will but they do not want to go the extra step.
- Who?
The CEOs and major people from companies can help with our on going problem.
- Why?
They can help because they are the ones with the power of stopping pollutants from harming us. They are the ones causing it. They may not be too corporative at first because it will cause them to do research. It will cause them to look into different ways of waste management.

evidence to illustrate the solutions

List & cite research that will support your solutions & overcome potential objections [facts, statistics, examples, etc.]:

http://web.mit.edu/12.000/www/m2015/2015/solutions_for_industrial_pollution.html

That link has research in which I can use to try to find a solution for the problem of pollution. They show how other countries have done, and how I as well can do it.

<http://www.deq.idaho.gov/pollution-prevention/p2-for-businesses/how-to-implement-p2/>

Here OHIO has set a list of ways to reduce pollution for companies specifically. They give examples of how to reuse their own products in order to recycle.