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EN202, Section 2

Ms. Anderson

18 September 17

Topic: Drinking Water

Topic Question: How does Saipan's water quality compare to the EPA standards?

1. Introduction

- a. Explain why I chose this topic.
- b. Give a few background basic information about water standards.
- c. Thesis: Because Saipan's drinking water is consumed on a daily basis, it is important to be informed how safe and clean it is.

2. Body Paragraphs

- a. Source #1: First I would have to search more about facts on water quality. Get information and use them as data.
- b. Source #2: Contact DEQ to set up a interview or tour on how Saipan's water is tested.
- c. Source #3: Contact someone working in a small business that deals with topic which is Water Quality and questions answered.
- d. Source #4: Gather the water bottles made here on Saipan and check the pH level for testing by buying the paper at Ace hardware.
- e. Source #5: Have a water taste test in class to be used as a survey, but email Ms. Anderson first.

3. Conclusion:

- a. Explain on how I plan to get my sources to finish the final research essay and estimated schedule to follow.

## Saipan's Water Quality

As I was looking for a topic that relates to the environment, I have chose to write my research essay on drinking. The island of Saipan has made their own drinking water bottles that locals are buying and consuming. Not everyone is being informed on how safe and clean it is to drink. And also where they are tested and what process the water goes through before being put into individual bottles. Because Saipan's drinking water is consumed on a daily basis, I have decided to do a research paper on how the water quality is compared to the EPA standards. EPA stands for Environmental Protection Agency who are responsible of taking care of both human health and the environment.

In order to start my research paper, I would have to gather my sources first. Our librarian has taught us about databases such as EBSCO Host and other websites to find academic sources like essays or journals. The websites would be helpful for my introduction paragraph to give a background on what the EPA standards are for water. I would collect the data I could find for the first week to start off my research. I must have at least three to four reliable websites or academic sources. This are the few literature that I can find online.

Another literature I found was DEQ's website. I would contact DEQ to request for either an interview or a tour at their building. Using the information given on their government website, I can could either email or call their head office. DEQ is actually the Division of Environmental Quality here on Saipan. One of their DEQ branches is "safe drinking water". They are responsible on making sure the groundwater is fresh. DEQ also monitors and investigates those who violates the law regarding drinking water. I plan on asking if they can show me how they do their work and see for myself to describe in my essay.

Afterwards, I would contact CUC for an interview. CUC is the most common water company who supplies water all over Saipan. Questions would be ready and I can head over to get them answered. If possible get it record via video or just recording just the voices on my phone as evidence. I must call weeks before for me to schedule an appointment if possible. Another way I can find a primary source from CUC is by obtaining a water report for data.

If I ever need more sources or if I could not get a hold of CUC to make an appointment for interview, I have a connection to someone who works at Quality Water. They are responsible for maintaining the water tests in the specific restaurants. He works with them and they have their own laboratory. From what I know, they test the water and send their information to the mainland. An interview with their colleagues will be very beneficial with my essay.

Another source I could do is buy the pH level paper available for purchase at Ace Hardware. This pH paper is actually for pool water, but I could use it to compare the pH of Saipan water compared to one water bottle from mainland which is the Fiji water bottle. In the case that there is no more pH level paper available, I should order online for it to arrive on time. While doing the test, I must record the procedure and take pictures for evidence to be used in my powerpoint presentation. This experiment can be done in class to show the differences between the drinking water I chose.

Another mini experiment I could do is a survey with my classmates in class. A water taste test where they would compare which one is more to their liking. Before doing this taste test, I must prepare my materials such as two different drinking water and a data spreadsheet to input their replies. With this data, I could put it into a data graph for my powerpoint presentation. I could also calculate the percentage of which drinking water they rather prefer. Aside from this

taste test, I should have come up with 5 survey questions to be answered online. Questions can they can relate and easily answer and give opinions. One possible question is, “What is your favorite drinking water to drink and why?”. By the end of this week, I shall have my survey questions and that can be posted right after to get feedbacks.

In conclusion my research paper would be easy to do once I have gathered all my sources. First is to collect reliable websites sources, contact DEQ or CUC for an interview, do a pH level water tests, and a survey. I’m sure obtaining academic sources wouldn’t be hard. On the other hand for secondary sources I plan on calling to schedule appoints as early as I can. All my findings are recorded and kept in my notebook or in my laptop for easy access. I hope with this plan, I can finish my essay a week before the deadline to get finishing touches and enter all my sources in my powerpoint for my final presentation in class.