

QSW: Quotes, Summary, Wonderings

Stage 1 : Empathize

This form will help you shape your thoughts and research as you dig into your chosen topic. Remember that this is more than simple research! You are working towards gaining empathy, so select sources that help you truly understand your topic on a deeper level.

For EACH SOURCE complete the following: First, list the article title and copy/paste the link to the article. Then, copy/paste at least 3-5 powerful or informative quotes (depending on article length) that help guide your understanding of your topic. Next, summarize the article you just read in YOUR OWN WORDS (about 1-2 paragraphs depending on article length). Finally, write down a “wondering.” A “wondering” is something this article made you more curious about, a hole or a gap that hasn’t been answered, or a question that you have after reading the article that will help guide you moving forward with your research.

Article Title:	San Diego Water Pollution/Types of Runoff Pollution
Link:	<ol style="list-style-type: none"> 1. http://www.sdcoastkeeper.org/learn/swimmable/san-diego-water-pollution 2. http://www.sdcoastkeeper.org/learn/swimmable/san-diego-water-pollution/types-runoff-pollution
Quotes: **(3-5 Depending on article length)**	<p>“The large number of boats in San Diego’s marinas and the relatively small tidal action has resulted in elevated levels of dissolved copper that exceed water quality objectives and threaten wildlife and marine habitat.”</p> <p>“Much of the legacy pollution in San Diego Bay comes from the <u>shipyards</u> and Navy facilities that line the eastern shore of the bay.”</p> <p>“These microbes infect us through our skin and mucous membranes and when we drink contaminated water. The resulting illnesses range from mild to severe symptoms”</p> <p>“Plastic breaks down into easily swallowed bits, choking the wildlife that lives in and near our waters.”</p>
Summary: **(1-2 paragraphs depending on article length)**	Storm drains systems carry million of gallons of polluted runoff into the ocean. Carrying many different pollutants cause harm to our waters, including copper,mercury,pesticides,pathogens, and trash. Causing our bodies of water and those who live in it to be poisoned,inedible, toxic, and death or harm to organisms and

	our wildlife.
Wondering:	I just found this interesting especially my second quotes it just weird how the government doesn't "like" to put their resources into this problem but the are being such a big part off it.

****Copy/Paste a new table for EACH SOURCE****

Article Title:	Focusing on the Greatest Risk is the Key to Healthier Waters
Link:	http://www.sandiegouniontribune.com/news/environment/sd-me-fish-eaters-20170411-story.html
Quotes: **(3-5 Depending on article length)**	<p>"According to the guidelines, people should limit their consumption of most types of fish from bays and deltas because of high levels of mercury"</p> <p>"The issue is important because bays and deltas can contain far greater levels of toxins than in the open ocean"</p>
Summary: **(1-2 paragraphs depending on article length)**	People in San Diego are eating the fish within the Bay and there are worse toxins in the Bay then there's is in the open ocean. People should try not to eat the fish in there because of high levels of Mercury and contamination from polychlorinated biphenyls or PCBs, which have been linked to cancer and other maladies.
Wondering:	Wondering what kind of solutions you can input for such a big problem.

Article Title:	Clean water vital to our lives
Link:	http://www.sandiegouniontribune.com/opinion/commentary/sdut-water-quality-pollution-2013may31-story.html
Quotes: **(3-5 Depending on article length)**	<p>"Everyone pitching in on the little things means huge pollution reductions and big savings for the cities and county, who are ultimately responsible for cleaning up the pollution in our waterways"</p> <p>"Since most of the water we use in San Diego is residential, and 60 percent of residential water is</p>

	<p>used outside the home, supporting efficient landscape watering can help reduce pollution from runoff.”</p> <p>“We should be engaged and active in the conversation, bringing ideas to the table that will ensure clean water for everyone.”</p>
<p>Summary: ** (1-2 paragraphs depending on article length)**</p>	<p>The article is about both the plans that have been thought up of to help water quality and saving the water supply. They talk about the Regional Water Quality Control Board’s permit plan that is supposed to help reduce the frequency of runoff pollution. It brings up the small ways residents can help, and how overall we’ll make a difference by coming together.</p>
<p>Wondering:</p>	<p>This article was written in 2013; I’m curious how the plan they mentioned in the beginning has been working up until now?</p>

<p>Article Title:</p>	<p>Types of Runoff Pollution</p>
<p>Link:</p>	<p>http://www.sdcoastkeeper.org/learn/swimmable/san-diego-water-pollution/types-runoff-pollution</p>
<p>Quotes: ** (3-5 Depending on article length)**</p>	<p>“The large number of boats in San Diego’s marinas and the relatively small tidal action has resulted in elevated levels of dissolved copper that exceed water quality objectives and threaten wildlife and marine habitat.”</p> <p>“In mid-2012, the state decided not to ban the pesticide altogether, but instead limit the application of pyrethroids.”</p>
<p>Summary: ** (1-2 paragraphs depending on article length)**</p>	<p>This article talks about the different types of toxins that are released into water that ends up harming it. They mention trash, pesticides, mercury, pathogens, and copper. It also touches on the preventions that have been taken in the past.</p>
<p>Wondering:</p>	<p>What would help now? What is the most effective solution? What is the most hazardous?</p>

--	--

<https://www.omicsonline.org/water-pollution-and-treatment-technologies-2161-0525.1000e103.pdf>