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In collaboration with another student intern, two series of videos were produced based on a grant from the US Environmental Protection Agency. These videos were related to source reduction methods specific to food processors.

The research involved compiling the most common recommendations given to food processors by Industrial Assessment Centers across the country. The first series was related to all of the costs that should be factored in to calculate how much water use costs, as well as examples of source reduction modifications. This includes things like pretreatment, water heating, and wastewater charges. This series also contains a video detailing how to map water use in a given facility. The second series had a variety of recommendations across different systems in a facility.

For the majority of the research, past reports from the Nebraska IAC, past reports from the P3 program at UNL, and outside research from sources like the Department of Energy's Tip Sheets were used.

After brainstorming what areas added to the cost of water, these were split up into six videos. These videos would cover water mapping, pre-treatment, chemical additives, water heating, wastewater charges, and water use reduction tips. Research was done with the above methods and compiled into videos that were concise yet informative.

For the series that includes some of the common source reduction recommendations specific to food processors, we used the national database for Industrial Assessment Centers. By searching the NIACS code for food processing, 311, a list of the top 10 recommendations can be obtained. Broadening that search to the top 20 recommendations made to food processors, a few were selected on the criteria of simplicity to explain and ability to understand. Recommendations that seemed like they needed little explanation or were more obvious were omitted from the list.

When selections had been made, they were split up into groups depending on what system they related to. These systems became the individual videos for the series. To get the bulk of the information across concisely, one video was created to cover all of the topics in some detail without demanding a lot of time. Our hope is that this video will catch the attention of viewers and they can watch the subsequent, more detailed videos if they would like more information on a specific system or recommendation.

The rest of the videos in that series are each about a single system. These have multiple recommendations within them that are explained in further detail. These videos are given titles specific for the systems they include in an attempt to make them easier to find in a quick search on YouTube.

UNL has a studio that students and faculty can utilize to record videos called the Light Board Studio. This is generally used for professors to create course material, but the IAC has used it in the past to record videos for educational purposes. Photos and video clips were found on-line, in the UNL P3/NIAC digital archives, and from other P3 student interns.