

ESGN 463 / 563: (Pollution Prevention)

Name: _____.

February 10, 2011

You have 20 minutes. Open book and notes. **Twenty words max per question.** If you draw a blank, guess! Two points per question.

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Question #1 A POTW has a permitted capacity of 4.5 MGD. It receives flow from several commercial and industrial users including dental offices, shopping centers, a small brew pub, and a textile mill. The brew pub discharges an average of 25,000 gpd. Is this POTW required to have a pretreatment program?

Question #2: List four ways an industry can minimize wastewater strength or volume at the source. List five for an extra point.

Question #3: What prompted Equity Group, the chicken nugget producer, to change their floor practices to reduce both water use and BOD concentrations in their wastewater?

Question #4: What are the basic steps for performing a water audit. The brewery article goes through many, but they can be reduced to these simple steps.

Question #5: This is always Step #1 for an industry or commercial user when trying to get employees to change floor practices to minimize waste. It needs to be repeated early and often for a successful P2 Program.

Bonus: From the lecture: I listed several different euphemisms for falsifying sample results. List one of them for one point or two for two points.