

ESGN 463 / 563:

QUIZ #1

Chapter 1 - Introduction

Name: _____.

January 20, 2011

You have 20 minutes. Open book and notes. **Target fifteen words or less per question.** If you draw a blank, guess! Two points per question.

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Question #1: What is the only metal commonly used in electroplating that is NOT recoverable by electrowinning?

Question #2: Describe the concept of *Natural Capitalism* in your own words.

Question #3: What is "cow water" AND how is it reused/recycled in the cheese making process?

Question #4: What powerful tool did we discuss in class for determining whether a plant operation is releasing a pollutant into the environment?

Question #5: What key natural resource can be recovered when treating domestic wastewater AND why is this resource critical for human survival?

Bonus: In class, samples of a product made entirely from post-consumer components were passed around. What was the product and what was it made of?