

**Quiz 8—Wastewater Treatment: Grit Removal and Primary Treatment**  
CENG 340—Introduction to Environmental Engineering  
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**Name:**

1. Grit Removal

- (a) What is grit?
  
  
  
  
  
  
  
  
  
  
- (b) Why is it important to remove grit.
  
  
  
  
  
  
  
  
  
  
- (c) What is the main mechanism by which grit is removed from wastewater in a grit chamber?

2. Primary Settling

- (a) What are the two main treatment objectives of primary settling?
  
  
  
  
  
  
  
  
  
  
- (b) Why did primary treatment alone *not* result in swimmable and fishable waterways before secondary treatment became the norm?