

# Take Test: Unit IV Assessment

## Description

## Instructions

1. You may open this unit assessment multiple times, but you may only submit it once.
2. You may print the unit assessment and prepare your answers offline. Alternatively, you may enter and save your answers for a portion of the assessment and continue at a later time.
3. Your textbook and other reference materials may be used to complete this assessment.
4. When answering the **multiple choice** questions, mark the correct response in Blackboard.
5. When answering the **written response** questions, please follow these requirements:
  1. Follow the directions for each assignment to receive full credit. Address all areas that are identified, and the work should be your own. As with all work submitted to CSU you need to maintain academic integrity. All work needs to be your own, and if references are used, you should cite references according to APA guidelines.
  2. Spelling and grammar will impact your grade. Make certain to proofread each written response carefully before clicking on the submit button.
  3. Make certain that all of your sources (including your textbook) are referenced at the end of the written response and that directly quoted information within your written response is cited to show the difference between your ideas and the exact words of your sources.
  4. General encyclopedias are not acceptable sources.
    - Examples include, but are not limited to, Wikipedia, Encarta, and World Book.
  5. On the main page of the course you will find a "My Library" button on the left; click it and then "APA Resources" for extensive information of APA Style.
6. Once all questions have been answered, click the "Submit" button located at the bottom of the assessment.
7. If you have questions regarding your sources or general questions regarding the assessment, please contact your professor.

For this Assessment, you will provide written responses to questions based on the two case scenarios provided below. The scenarios will incorporate practical aspects of the material covered in the first three units into a real life situation that might be faced by the Environmental Manager's professional duties, responsibilities or working environment. These scenario assignments are three-part assignments; students will submit three separate documents answering each of the questions that follow the scenario that is described. APA rules for quoting, paraphrasing, citing, and listing of sources are to be followed. Grading for this assignment will be based on the content of your responses to each of the questions. In addition, you will be graded on spelling, grammar, and the proper listing and citing of sources.

### Case Scenario #1

You are the chief Environmental, Safety and Health (EHS) professional for your small

municipality and it is the first work day after the Christmas Holiday. You are settling in and looking forward to the typically nice and quiet period until the end of the year. So quiet of a time it generally is that you decided, for once, to let the rest of your staff enjoy the holidays with friends and family. The day has gone well, as you had expected and it is a little after noon when you receive your first phone call of the day. The voice on the other end of the phone is a familiar one and after you exchange season pleasantries you are informed that there was a car fire in the City Hall parking contents on the

Question Completion Status:

### Case Scenario #2

One of your personnel discovers containers placed in the wood line at the edge of your facilities property. The containers (3-55 gallon drums and some old 5-gallon paint pails containing some dried and some still wet latex paint; in addition there are several cans that are labeled as solvent based paint) are too old to determine the rightful owner or the contents within. One 55 gallon drum is sealed yet it appears to be "bulging". The other one has no more than one inch of residue remaining on the bottom. The third 55 gallon drum is labelled "mirror backing paint – contains lead pigment". It's outside condition is good, but it appears to be almost 50% full.

In addition to the Case Scenario component of this Assessment, you will also be required to answer a series of multiple choice questions. A document containing the information needed to provide accurate responses to these questions can be accessed by selecting the link below.

40 CFR 260 Extract

Multiple Attempts

Not allowed. This Test can only be taken once.

Save Completion

This Test can be saved and resumed later.

15 points

Save Answer

### Short answer essay questions for Scenario #1:

**Does this present an environmental hazard and if so does it need to be cleaned up? Who should do the clean up?**

Attach File

Browse My Computer

Browse Content Collection

15 points

Save Answer

### Short answer essay questions for Scenario #1:

**How should any material recovered from this site be disposed of? Can it be put into the city landfill? What if it is mixed with sand or an absorbent material such as kitty litter?**

Attach File

Browse My Computer

Browse Content Collection

15 points

Save Answer

**Short answer essay questions for Scenario #1:**

**What potential hazards, if any, does this situation present to the stormwater system? Who, if anyone, needs to be notified?**

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Browse Content Collection

15 points

Save Answer

**Short answer essay questions for Scenario #2**

**For the one 55-gallon drum that is open, according to RCRA is it empty? Provide the regulatory citation (section) for your response.**

Attach File

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Browse Content Collection

15 points

Save Answer

**Short answer essay questions for Scenario #2**

**What should be done with the bulging 55 gallon container and the mirror back paint drum?**

Attach File

Browse My Computer

Browse Content Collection

15 points

Save Answer

**Short answer essay questions for Scenario #2**

**What should be done with the old paint cans – the latex and solvent based cans?**

Attach File

Browse My Computer

Browse Content Collection

2 points

Save Answer

**Your IT department has numerous computer monitors that will be disposed of. (TCLP results: lead at 20 mg/L) Is this a hazardous waste?**

- Yes
- No
- Unable to determine

- Unable to determine
- Only if it is not classified as a solid waste

2 points

[Save Answer](#)

**You have a stock of unused paint that will be sent off-site for reclamation. The paint contains 30% pigments, 40% acetone, 30% MEK, 3 mg/L chromium, and 20% mg/L nickel; Flash point is 100 degrees F. Is this a hazardous waste?**

- Yes
- No
- Unable to determine
- Only if it is not classified as a solid waste

2 points

[Save Answer](#)

**You have debris from a construction site that will be sent to a landfill. Debris contains plywood, sheetrock, asbestos and PCB's. Is this hazardous waste?**

- Yes
- No
- Unable to determine
- Only if it is first classified as a solid waste

2 points

[Save Answer](#)

**You have several gallons of expired methanol that is to be sent off-site for energy recovery. (Flash point is 53 degrees F) Is this a hazardous waste?**

- Yes
- No
- Unable to determine
- Only if it is not classified as a solid waste

2 points

[Save Answer](#)

**Fleet Operations for your facility has a container of floor sweepings that needs to be sent for disposal. Upon testing the sweepings contain 0.25 mg/L of benzene. Is this a hazardous waste?**

- Yes
- No
- Unable to determine
- Only if it is not classified as a solid waste