

Registration form

CWA-Pretreatment Training Course \$25.00
48 HOUR RUSH ORDER PROCESSING FEE ADDITIONAL \$25.00

Start and finish dates: _____

You will have 90 days from this date in order to complete this course

List number of hours worked on assignment must match State Requirement. _____

Name _____ **Signature** _____

I have read and understood the disclaimer notice on page 2. Digitally sign XXX

Address: _____

City _____ **State** _____ **Zip** _____

Email _____ **Fax (____)** _____

Phone:
Home (____) _____ **Work (____)** _____

Operator ID # _____ **Exp. Date** _____

Please circle/check which certification you are applying the course CEU's.

Collections ___ Industrial ___ WWT _____ Other _____

Your certificate will be emailed to you in about two weeks unless you pay for the rush service.

Technical Learning College TLC PO Box 3060, Chino Valley, AZ 86323
Toll Free (866) 557-1746 Fax (928) 272-0747 info@tlch2o.com

If you've paid on the Internet, please write your Customer# _____

Please invoice me, my PO# _____

Please pay with your credit card on our website under Bookstore or Buy Now, or call us and provide your credit card information.

We will stop mailing the certificate of completion so we need either your fax number or e-mail address. We will e-mail the certificate to you, if no e-mail address; we will fax it to you.

DISCLAIMER NOTICE

I understand that it is my responsibility to ensure that this CEU course is either approved or accepted in my State for CEU credit. I understand State laws and rules change on a frequent basis and I believe this course is currently accepted in my State for CEU or contact hour credit, if it is not, I will not hold Technical Learning College responsible. I fully understand that this type of study program deals with dangerous, changing conditions and various laws and that I will not hold Technical Learning College, Technical Learning Consultants, Inc. (TLC) liable in any fashion for any errors, omissions, advice, suggestions or neglect contained in this CEU education training course or for any violation or injury, death, neglect, damage or loss of your license or certification caused in any fashion by this CEU education training or course material suggestion or error or my lack of submitting paperwork. It is my responsibility to call or contact TLC if I need help or assistance and double-check to ensure my registration page and assignment has been received and graded. It is my responsibility to ensure all information is correct and to abide with all rules and regulations.

State Approval Listing URL...

<http://www.tlch2o.com/PDF/CEU%20State%20Approvals.pdf>

You can obtain a printed version of the course manual from TLC for an additional \$59.95 plus shipping charges.

Grading Information

In order to maintain the integrity of our courses we do not distribute test scores, percentages or questions missed. Our exams are based upon pass/fail criteria with the benchmark for successful completion set at 70%. Once you pass the exam, your record will reflect a successful completion and a certificate will be issued to you.

AFFIDAVIT OF EXAM COMPLETION

I affirm that I personally completed the entire text of the course. I also affirm that I completed the exam without assistance from any outside source. I understand that it is my responsibility to file or maintain my certificate of completion as required by the state or by the designation organization.

For security purposes, please fax or e-mail a copy of your driver's license and always call us to confirm we've received your assignment and to confirm your identity. Thank you...

Do not solely depend on TLC's Approval list for it may be outdated.

A second certificate of completion for a second State Agency \$25 processing fee.

All downloads are electronically tracked and monitored for security purposes.

Some States and many employers require the final exam to be proctored.

<http://www.abctlc.com/downloads/PDF/PROCTORFORM.pdf>

CWA-Pretreatment Answer Key

Name _____

Phone # _____

You are solely responsible to ensure that this course is accepted for credit by your State. Did you check with your State agency to ensure this course is accepted for credit? No refunds.

***Method of Course acceptance confirmation. Please fill this section
Do not solely depend on TLC's Approval list for it may be outdated.***

Website ___ Telephone Call ___ Email ___ Spoke to _____

Did you receive the approval number if Applicable? _____

What is the approval number if Applicable? _____

True or False. Pick only one answer per question. Circle, Mark off, underline or Bold the answer.

- | | |
|---------|---------|
| 1. A B | 16. A B |
| 2. A B | 17. A B |
| 3. A B | 18. A B |
| 4. A B | 19. A B |
| 5. A B | 20. A B |
| 6. A B | 21. A B |
| 7. A B | 22. A B |
| 8. A B | 23. A B |
| 9. A B | 24. A B |
| 10. A B | 25. A B |
| 11. A B | 26. A B |
| 12. A B | 27. A B |
| 13. A B | 28. A B |
| 14. A B | 29. A B |
| 15. A B | 30. A B |

This course contains general EPA's CWA federal rule requirements. Please be aware that each state implements wastewater / collections / environmental / pretreatment regulations that may be more stringent than EPA's regulations. Check with your state environmental/health agency for more information. These rules change frequently and are often difficult to interpret and follow. Be careful to be in compliance and do not follow this course for proper compliance. These regulations change frequently.

Please fax or e-mail the answer key to TLC
Western Campus Fax (928) 272-0747

Please e-mail or fax this survey with your final exam

**CWA-PRETREATMENT CEU COURSE
CUSTOMER SERVICE RESPONSE CARD**

NAME: _____

E-MAIL _____ PHONE _____

PLEASE COMPLETE THIS FORM BY CIRCLING THE NUMBER OF THE APPROPRIATE ANSWER IN THE AREA BELOW.

1. Please rate the difficulty of your course.

Very Easy 0 1 2 3 4 5 Very Difficult

2. Please rate the difficulty of the testing process.

Very Easy 0 1 2 3 4 5 Very Difficult

3. Please rate the subject matter on the exam to your actual field or work.

Very Similar 0 1 2 3 4 5 Very Different

4. How did you hear about this Course? _____

5. What would you do to improve the Course?

How about the price of the course?

Poor _____ Fair _____ Average _____ Good _____ Great _____

How was your customer service?

Poor _____ Fair _____ Average _____ Good _____ Great _____

Any other concerns or comments.

Rush Grading Service

If you need this assignment graded and the results mailed to you within a 48-hour period, prepare to pay an additional rush service handling fee of \$50.00. This fee may not cover postage costs. If you need this service, simply write RUSH on the top of your Registration Form. We will place you in the front of the grading and processing line.

For security purposes, please fax or e-mail a copy of your driver's license and always call us to confirm we have received your assignment and to confirm your identity. Thank you...

You are responsible to ensure that TLC receives the Assignment and Registration Key. Please call us to ensure that we received it.

CWA-PRETREATMENT Training Course Assignment

The Assignment (Exam) is also available in Word on the Internet for your Convenience, please visit www.ABCTL.com and download the assignment and e- mail it back to TLC.

You will have 90 days from the start of this course to complete in order to receive your Professional Development Hours (**PDHs**) or Continuing Education Unit (**CEU**). A score of 70 % is necessary to pass this course. We prefer if this exam is proctored. No intentional trick questions. If you should need any assistance, please email all concerns and the completed manual to info@tlch2o.com.

We would prefer that you utilize the enclosed answer sheet in the front, but if you are unable to do so, type out your own answer key. Please include your name and address on your Answer Key and make copy for yourself. You can e-mail or fax your Answer Key along with the Registration Form to TLC.

Clean Water Act Summary

33 U.S.C. s/s 1251 et seq. (1977)

1. The CWA makes it lawful for any person to discharge any pollutant from a non-point source into navigable waters unless a permit (NPDES) is obtained under the act.

A. True B. False

The General Pretreatment Regulations

2. The General Pretreatment Regulations establish responsibilities of Federal, State, and local government, industry and the public to implement Pretreatment Standards to control pollutants which pass through or interfere with POTW treatment processes or which may contaminate sewage sludge.

A. True B. False

3. The General Pretreatment Regulations apply to all domestic sources which introduce pollutants into a POTW. These sources of "direct discharge" are more commonly referred to as industrial users (IUs).

A. True B. False

4. An IU that discharges an average of 125,000 gallons per day or more of process wastewater to the POTW.

A. True B. False

5. An IU that contributes a process wastestream making up 5 percent or more of the average dry weather hydraulic or organic capacity of the POTW treatment plant.

A. True B. False

Control Authority

6. The General Pretreatment Regulations define the term "Control Authority" as a POTW that administers an approved pretreatment program since it is the entity authorized to control discharges to its system.

A. True B. False

POTW Pretreatment Program Requirements

7. The actual requirement for a POTW to develop and implement a local pretreatment program is a condition of its NPDES permit.

A. True B. False

Objectives of the pretreatment program:

8. Protect publicly owned treatment works (POTW) from pollutants that may cause interference with sewage treatment plant operations.

A. True B. False

9. Prevent introducing pollutants into a POTW that could cause pass through of untreated pollutants to receiving waters.

A. True B. False

10. Manage pollutant discharges into a POTW to improve opportunities for disposal of POTW wastewater and residuals (sewage sludge).

A. True B. False

11. Prevent introducing pollutants into a POTW that could cause worker health or safety concerns, or that could pose a potential endangerment to the public or to the environment.

A. True B. False

Prohibited Discharge Standards

12. Prohibited discharge standards are specific, national standards are applicable to all industrial users to a POTW, if the POTW does not have approved pretreatment program or the industrial user has been issued a permit.

A. True B. False

Categorical Pretreatment Standards

13. Categorical Pretreatment Standards are limitations on pollutant discharges to publicly owned treatment works (POTWs), promulgated by the EPA in accordance with Section 307 of the Clean Water Act that apply to specific process wastewaters of particular industrial categories.

A. True B. False

14. These are national, technology-based standards that apply regardless of whether or not the POTW has an approved pretreatment program or the industrial user has been issued a permit. Such industries are called Categorical Industrial Users.

A. True B. False

Sewage Collection System

15. Collection systems may flow entirely by gravity, or may include lift stations that pump the wastewater via a force main to a higher elevation where the wastewater can then continue on via gravity.

A. True B. False

FOG

16. Manholes can overflow into parks, yards, streets, and storm drains, allowing FOG to contaminate local waters, including drinking water.

A. True B. False

Discharge to POTW

17. POTWs are designed to treat toxics in industrial waste.

A. True B. False

Definitions

18. Interference - a discharge which exits the POTW into waters of the U.S. in quantities or concentrations which, alone or in conjunction with a discharge or discharges from other sources, is a cause of a violation of any NPDES permit requirement.

A. True B. False

19. Pass Through. - a discharge which, alone or in conjunction with a discharge or discharges from other sources, both inhibits or disrupts the POTW, its treatment processes or operations, or its sludge processes, use or disposal, and- therefore is a cause of a violation of any NPDES permit requirement or of the prevention of sewage sludge use or disposal in compliance with any applicable requirements.

A. True B. False

Toxic Emissions

20. Even where the POTW has the capability to remove these toxics, the pollutants may end up in the sewage sludge, thereby limiting sludge disposal options or escalating the cost of disposal. Incinerated contaminated sludge may release toxic emissions into the atmosphere.

A. True B. False

21. Toxic metals removed in primary treatment, while itself not an inhibitory process, generally will not impact sludge digestion, a process that utilizes bacteria to stabilize sludge solids.

A. True B. False

22. Chromium can improve reproduction of aerobic digestion microorganisms, improving sludge treatment and producing sludges that must be disposed of with special treatment.

A. True B. False

Volatile Organic Compounds (VOCs)

23. Volatile organics discharged to sewers cannot accumulate in the headspace of sewers, decreasing the likelihood of explosions that can cause significant damage.

A. True B. False

Prohibited Discharge Standards

Specific prohibitions forbid eight categories of pollutant discharges as follows:

24. Discharges containing pollutants which create a fire or explosion hazard in the POTW, including but not limited to, wastestreams with a closed cup flashpoint of less than 140°F (60°C) using the test methods specified in 40 CFR §261.21.

A. True B. False

25. Discharges containing pollutants causing corrosive structural damage to the POTW, but in no case discharges with a pH higher than 5.0, unless the POTW is specifically designed to accommodate such discharges.

A. True B. False

26. Discharges of petroleum oil, nonbiodegradable cutting oil, or products of mineral oil origin in amounts that will cause interference or pass through.

A. True B. False

Categorical Pretreatment Standards

27. Categorical pretreatment standards are national, uniform, technology-based standards that apply to discharges to POTWs from specific industrial categories (i.e., indirect dischargers) and limit the discharge of specific pollutants.

A. True B. False

28. Limitations developed for indirect discharges are designed to prevent the discharge of pollutants that could pass through, interfere with, or otherwise be incompatible with POTW operations.

A. True B. False

29. ELGs (i.e., BPT, BCT, BAT, and NSPS) will apply to indirect dischargers.

A. True B. False

30. Sub categorization within an industrial category is evaluated based on variability in processes employed, raw materials used, types of items produced, and characteristics of wastes generated.

A. True B. False