

Registration form

CWA-Wastewater Treatment Training Course \$50.00
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 _____

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/downloads/PDF/CEU%20State%20Approvals.pdf>

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 \$50 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-Wastewater Treatment 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

14. A B

27. A B

2. A B

15. A B

28. A B

3. A B

16. A B

29. A B

4. A B

17. A B

30. A B

5. A B

18. A B

6. A B

19. A B

7. A B

20. A B

8. A B

21. A B

9. A B

22. A B

10. A B

23. A B

11. A B

24. A B

12. A B

25. A B

13. A B

26. A B

This course contains general EPA's CWA federal rule requirements. Please be aware that each state implements wastewater / collections / safety / 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.

When Finished with Your Assignment...

REQUIRED DOCUMENTS

Please scan the **Registration Page, Answer Key, Survey and Driver's License** and email these documents to info@TLCH2O.com.

IPhone Scanning Instructions

If you are unable to scan, take a photo of these documents with your **iPhone** and send these photos to TLC, info@TLCH2O.com.

FAX

If you are unable to scan and email, please fax these documents to TLC, if you fax, call to confirm that we received your paperwork. **(928) 468-0675**

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

**CWA-WATEWATER TREATMENT 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.

CWA-WASTEWATER TREATMENT 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.

The Clean Water Act

1. On October 18, 1972, the 92nd Congress of the United States passed the Federal Water Pollution Control Act Amendments of 1972, declaring the restoration and maintenance of the chemical, physical, and biological integrity of the Nation's water as a National Objective.

A. True B. False

What is a Pretreatment Program?

2. The term "pretreatment" refers to the requirement that non-domestic sources discharging wastewater to POTWs control their discharges, and meet limits established by the EPA, and/or your state or the local municipality (Control Authority) on the amount of pollutants allowed to be discharged.

A. True B. False

3. Limits may often be met by the domestic source through pollution prevention techniques (product substitution, recycle and reuse of materials, more efficient production practices, improved environmental management systems, etc.), pretreatment of wastewater, or implementation of best professional judgement.

A. True B. False

4. The National Pretreatment Program is a sole effort of federal regulatory environmental agencies established to protect water quality.

A. True B. False

5. The program is designed to reduce the level of pollutants discharged by industry and other domestic wastewater sources into municipal sewer systems, and thereby, increasing the amount of pollutants released into the environment from these sources.

A. True B. False

POTWs

6. Publicly owned treatment works (POTWs) collect wastewater from homes, commercial buildings, and industrial facilities and transport it via a series of pipes, known as a collection system, to the treatment plant.

A. True B. False

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

A. True B. False

National Pretreatment Program

8. The National Pretreatment Program identifies specific requirements that apply to some IUs, additional requirements that apply to some SIUs, and no requirements that only apply to CIUs.

A. True B. False

Prohibited Discharge Standards

9. Prohibited discharge standards are somewhat general, national standards are applicable to all industrial users to a POTW, regardless of whether or not the POTW has an approved pretreatment program or the industrial user has been issued a permit.

A. True B. False

10. These standards are designed to assist pass through and interference, protect the POTW collection system, and to promote worker safety and beneficial biosolids use. These standards are listed in 20 CFR 203.5

A. True B. False

Categorical Pretreatment Standards

11. 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

12. The standards applicable to industrial discharges to a POTW collection system are designated in the Effluent Guidelines & Limitations [Parts 405-471] by the terms "Pretreatment Standards for Existing Sources" (or "PSES") and "Pretreatment Standards for New Sources" (or "PSNS").

A. True B. False

Discharge to POTW

13. POTWs are not designed to treat toxics in industrial waste. As such, these discharges, from both industrial and commercial sources, can cause serious problems.

A. True B. False

14. The undesirable outcome of these discharges cannot be prevented using treatment techniques or best professional judgement to increase the discharge of these contaminants.

A. True B. False

As noted in 40CFR §403.2, the objectives of the National Pretreatment Program are to:

15. Prevent the introduction of pollutants into POTWs that will interfere with the operation of a POTW, including interference with its use or disposal of municipal sludge.

A. True B. False

16. Prevent the introduction of pollutants into POTWs that will pass through the treatment works or otherwise be incompatible with such works.

A. True B. False

17. Improve opportunities to recycle and reclaim municipal and industrial wastewaters and sludges.

A. True B. False

Definitions

18. Pass through makes waters swimmable or fishable within the goals of the CWA.

A. True B. False

19. Or these discharges will not interfere with the biological activity of the treatment plant causing sewage to pass through the treatment plant treated or adequately treated.

A. True B. False

Problems Associated With Toxic Discharges

20. Groundwater pollution cannot occur from leaks in the collection system or pollutants from contaminated sewage sludge.

A. True B. False

Toxic Emissions

21. Even where the POTW has the capability to remove these toxics, the pollutants will not end up in the sewage sludge.

A. True B. False

22. Contaminated sludge, on the other hand, can be used as fertilizer or soil conditioner, thereby improving the productivity of our land.

A. True B. False

Volatile Organic Compounds (VOCs)

23. Volatile organics discharged to sewers can accumulate in the headspace of sewers, increasing the likelihood of explosions that can cause significant damage.

A. True B. False

24. Sulfides from leather tanning can combine with acid to form nitrates, another toxic liquid.

A. True B. False

These pollutants fall into two categories; metals and organics:

25. Metals, including lead, mercury, chromium, and cadmium that can be destroyed or broken down through treatment or environmental degradation.

A. True B. False

26. Toxic organics, including solvents, pesticides, dioxins, and polychlorinated biphenyls (**PCBs**) can be cancer-causing and lead to other serious ailments, such as kidney and liver damage, anemia, and heart failure. In 1996, the EPA's Office of Science and Technology (**OST**) identified 2,193 water bodies with fish and wildlife advisories, up more than 25 percent from 1995.

A. True B. False

Prohibited Discharge Standards (Credit USEPA)

Specific prohibitions forbid eight categories of pollutant discharges as follows:

27. 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 more than 140°F (60°C) using the test methods specified in 40 CFR §261.21.

A. True B. False

28. Discharges containing pollutants in amounts causing obstruction to the flow in the POTW resulting in interference.

A. True B. False

29. 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

30. Discharges of trucked or hauled pollutants, except at outfall designated by the POTW.

A. True B. False

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