



## WORKSHOP CERTIFICATION

MONDAY, AUGUST 9, 2021

		LOCATION	SESSION
7:30-3:50	<b>**1-DAY CLASS**</b> <b>NASSCO PACP RE-CERTIFICATION – \$450</b> <i>Marilyn Shepard, NASSCO Master Trainer</i>	Pelican Bay	9902
7:30-3:50	<b>**1 DAY CLASS**</b> <b>Math Made Easy – \$25</b> (fee includes new revised book)	Monterey Bay	9903
7:30-2:50	<b>**1-DAY CLASS**</b> <b>MS4 COMPLIANCE AND CODE ENFORCEMENT INSPECTOR – \$175</b> <i>T. Luke Owen, NPDES Stormwater Training Institute</i>	Mission Bay	9904

## WORKSHOP SUMMARIES

### MONDAY, AUGUST 9, 2021

#### 1-DAY CLASS

#### **NASSCO PACP RE-CERTIFICATION (\$450) – Session 9902**

NASSCO's PACP (Pipeline Assessment and Certification Program) requires re-certification every three years. MACP/LACP do not require re-certification. The coding system and procedures are easily transferred to these applications. Re-certification ensures PACP protocol and procedures continue to be applied in accordance with the PACP manual. This assures that while conducting condition assessment on infrastructure components, standards are maintained. Version 7.0 released in May 2015 includes updates to several codes and the Condition Grading system, and clarification on proper application.

#### **IMPORTANT PACP POLICY**

Certification shall be valid for a period of 3 years from the date of issuance. PACP Users who are not re-certified within this 3-year period shall be afforded a 1-year grace period during which they are eligible to attend a re-certification class. If certification lapses beyond the 1-year grace period, those individuals may only become certified by successfully passing the initial PACP Certification Class.

#### **Note:**

1. Individuals who are within the 1-year grace period are NOT considered certified.
2. Individuals who were certified in MACP and LACP, but fail to re-certify in PACP within the 1-year grace period, may only be MACP or LACP certified by successfully passing the initial MACP and/or LACP Certification Class.

#### 1-DAY CLASS

#### **MATH MADE EASY (\$25) – Session 9903**

Everyone hates math, ok not everyone but most. Mainly most of us didn't like the way it was taught. Didn't like in elementary school and the method didn't change for the next 10 years of your life. Before you dismiss this as another math class, come see how the new graphic method is used to solve most math questions faced by operators sitting for the exam.

#### 1-DAY CLASS

#### **MS4 COMPLIANCE AND CODE ENFORCEMENT INSPECTOR (\$175) – Session 9904**

The MS4 Compliance and Code Enforcement Inspector (MS4CCEI) course is developed specifically for attendees of the Tri-State Seminar and is now a 1-day certification course designed for municipal public works employees, wastewater treatment and water treatment personnel, Municipal Separate Storm Sewer (MS4) staff and stormwater consultants. The course presentation includes:

- Clean Water Act History
- Urban Stormwater Impacts
- Point Source and Non-Point Source Management
- Role of the MS4 Inspector
- IDDE Inspections
- Watershed Assessments/Industrial Facility Inspections
- Construction Site Inspections
- Green Infrastructure in the Dry Desert

Green Infrastructure (GI) techniques for urban growth and stormwater management have become the norm throughout the United States, yet many MS4 stormwater inspectors are unaware or misguided about its role in maintaining or improving America's quality of life. The GI module will explore the benefits as well as the challenges of using implementing GI and Low Impact Development (LID) techniques in the planning, installation and maintenance phases in today's rapidly expanding urban environment.

MS4CCEI certification meets federal and state training requirements for MS4 qualified personnel. All course attendees receive a course manual as well as practical stormwater materials, resources and guides that will be useful to the MS4CCEI Inspector for years to come. Upon completion of the course, attendees will take a 1-hour open book exam. A Certificate of Completion is granted upon attending the full course and certification will be received after passing the test with a score of 70% or better. Upon receiving a passing score, the attendee will receive a MS4CCEI photo ID card valid for 3 years. MS4CCEI certified personnel qualify for recertification 1-year prior to the expiration date on their card. Once expired, however recertification is only possible up to 1-year after the expiration date, after which time the full course certification is required. All course instruction, materials, testing and ID card are included in the cost of the course.



# WORKSHOP CERTIFICATION

TUESDAY, AUGUST 10, 2021

		LOCATION	SESSION
7:30-3:50	<b>**2-DAY CLASS**</b> <b>NASSCO PIPES (PACP) CERTIFICATION ASSESSMENT PROGRAM – \$825</b> (see Thursday workshop listing for MACP & LACP) <i>Marilyn Shepard, NASSCO Master Trainer</i>	Pelican Bay	9905

## WORKSHOP SUMMARIES

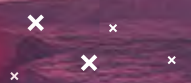
TUESDAY, AUGUST 10, 2021

### 2-DAY CLASS (DAY 1)

#### NASSCO PIPES (PACP) CERTIFICATION ASSESSMENT PROGRAM (\$825) – Session 9905

NASSCO’s Infrastructure Condition Assessment programs, PACP, MACP, and LACP (Access Structures and Laterals) is instruction on the proper procedures used to conduct condition assessment on infrastructure components using a standardized code set,

procedures for applying the codes, and methods for do so. PACP assures all Operators and Engineers work to the same scope; the PACP coding system. The PACP Operator defines and records each defect observed using the standardized codes. The observation is recorded using the proper standard codes. Condition grades are assigned to help with prioritization for repair or rehab. A certificate and number are issued by NASSCO at the end of the workshop.



## WORKSHOP CERTIFICATION

WEDNESDAY, AUGUST 11, 2021

		LOCATION	SESSION
7:30-2:50	<b>**1-DAY CLASS**</b> <b>MS4 COMPLIANCE AND CODE ENFORCEMENT INSPECTOR RE-CERTIFICATION (CCEI) – \$175</b> <i>T. Luke Owen, NPDES Stormwater Training Institute</i>	Mission Bay	9904
7:30-3:50	<b>**2-DAY CLASS**</b> <b>NASSCO PIPES (PACP) CERTIFICATION ASSESSMENT PROGRAM – \$825</b> (see Thursday workshop listing for MACP & LACP) <i>Marilyn Shepard, NASSCO Master Trainer</i>	Pelican Bay	9905

## WORKSHOP SUMMARIES

WEDNESDAY, AUGUST 11, 2021

### 1-DAY CLASS

#### MS4 CCEI RE-CERTIFICATION (\$175) – Session 9904

The NPDES Stormwater Training Institutes MS4CCEI Certification Program requires ½ day re-certification every three years. Re-certification ensures MS4 Compliance and Code Enforcement certified personnel continue to be knowledgeable of the most recent changes to federal and state stormwater permits and regulations, as well as the most recent advancements regarding administrative and structural best management practice installation and maintenance procedures. This assures that while conducting watershed assessments, illicit discharge detection and elimination (IDDE) outfall reconnaissance, industrial facility and construction site inspections, that standards and effective watershed protection methods are implemented.

#### MS4CCEI RECERTIFICATION POLICY

Certification shall be valid for a period of 3 years from the date of issuance. MS4CCEI personnel who are not re-certified within 1-year of their expiration date shall be afforded a 1-year grace period during which they are eligible to attend a re-certification class. If certification lapses beyond the 1-year grace period, those individuals may only become certified by successfully passing the initial MS4CCEI Certification Course.

#### Note:

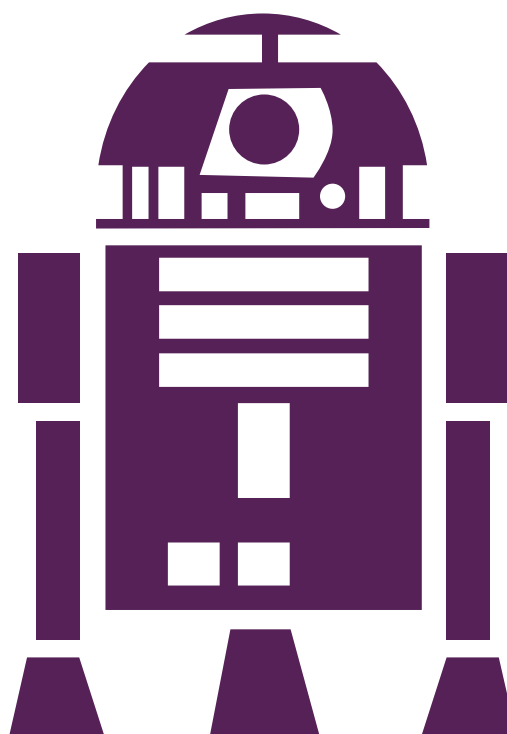
1. Individuals who are within the 1-year grace period are NOT considered certified, but qualify for re-certification.
2. Individuals who were MS4CCEI certified, but fail to re-certify within the 1-year grace period, may only be MS4CCEI certified by successfully passing the initial MS4CCEI Certification Course.



### 2-DAY CLASS (DAY 2)

#### NASSCO PIPES (PACP) CERTIFICATION ASSESSMENT PROGRAM (\$825) – Session 9905

NASSCO's Infrastructure Condition Assessment programs, PACP, MACP, and LACP (Access Structures and Laterals) is instruction on the proper procedures used to conduct condition assessment on infrastructure components using a standardized code set, procedures for applying the codes, and methods for do so. PACP assures all Operators and Engineers work to the same scope; the PACP coding system. The PACP Operator defines and records each defect observed using the standardized codes. The observation is recorded using the proper standard codes. Condition grades are assigned to help with prioritization for repair or rehab. A certificate and number are issued by NASSCO at the end of the workshop.





# WORKSHOP CERTIFICATION

THURSDAY, AUGUST 12, 2021

		LOCATION	SESSION
7:30-11:30	<b>NASSCO MACP CERTIFICATION – \$105</b> (PACP is a pre-requisite for this class) <i>Marilyn Shepard, NASSCO Master Trainer</i>	Pelican Bay	9907
1:00-3:50	<b>NASSCO LACP CERTIFICATION – \$105</b> (PACP is a pre-requisite for this class) <i>Marilyn Shepard, NASSCO Master Trainer</i>	Halfmoon Bay	9908
1:00-1:50	<b>WATER AND WASTEWATER REGULATIONS UPDATE</b> <i>Ashley Jacobson, NWEA and Linh Kieu</i>	Monterey Bay	9909

## WORKSHOP SUMMARIES

THURSDAY, AUGUST 12, 2021

### HALF-DAY CLASSES

#### NASSCO MACP CERTIFICATION (\$105) – Session 9907

This course uses the PACP codes learned in the re-certification class or the 2-day certification assessment program. MACP takes these codes and applies them to condition assessment of manholes, junction boxes, and other related structures, which allow access to the buried infrastructure.

✦ **PACP is pre-requisite for this class.**

#### NASSCO LACP CERTIFICATION (\$105) – Session 9908

This course uses the PACP codes learned in the re-certification class or the 2-day certification assessment program. LACP is an extension of PACP in that the laterals are simply smaller, slightly more complicated piping systems with various fittings and access points not traditional in a mainline pipe.

✦ **PACP is pre-requisite for this class.**

### ONE HOUR FREE WORKSHOPS

#### WATER AND WASTEWATER REGULATIONS UPDATE BY NDEP/NWEA (FREE) – 9909

Drinking water and wastewater Operator Certification Program Updates: Participants in this session will stay up to date by learning what are the new regulations changes. When can I test? Where can I test? Where do I find approved training? Should I test for an OIT or a Full certification? I have multiple OIT's how many contact hours do I need for renewal? How much will it cost me if I forget to renew my certification? Computer exams? Update wastewater operators on new regulations.

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