



## *The Certified Inspector of Sediment and Erosion Control Newsletter*

### *Special Interest Articles:*

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## **Everything You Need to Know About Certification, Contract Expiration, Renewal and Re-Certification**

*By C. Evans, Staff*

Your CISEC Certification Contract runs for a minimum of three years depending on what date you certify. Look at your contract for an expiration date which will be June 30 and a year. That is the year you are due to re-certify or receive a new three year contract. To simplify the expiration, if your certification date is July 1<sup>st</sup> or up to June 30<sup>th</sup>, then you will have your first renewal the next year by June 30<sup>th</sup>; example: certification date-August 17, 2012-first year for renewal fee payment will be by June 30, 2014. This is because the CISEC fiscal year runs from July 1<sup>st</sup> through the next June 30<sup>th</sup>; if you certify after that beginning date; basically, you have one year to accrue CDHs but do not pay a renewal fee until the next year. Example: certification date is August 17, 2012, you start accruing CDHs, but your first year to pay a renewal fee will be by June 30, 2014.

**Every year after the first June 30<sup>th</sup> will be a renewal year and you will owe the renewal fee.** This is due by June 30<sup>th</sup> of each year of your contract but may be paid before the due date. After that time, there will be a late fee charged.

Your yearly renewal means you are required to pay the yearly renewal fee before the due date; but you are not required to send in yearly CDHs. We do suggest you send in yearly CDH forms, as we track your accumulation and send a reminder at the beginning of the calendar year (around mid-January to early February); with your individual status of fees paid yearly and how many acceptable submitted CDHs you have. This helps you to not be short CDHs when your re-certification time comes up.

Re-Certification is at the end of the expiration date listed on your CISEC Contract and will be June 30, 201X, depending on when you certify. At that time, if you are current with your yearly renewal fees, have accrued, submitted and had accepted a minimum of 36 CDHs, we issue you a new three year Re-Certification contract which will expire in three years and the process repeats. You will sign the re-certification contract and email, fax or mail back to us at the addresses on the form.

Finally, every renewal payment or CDH submission **MUST** be accompanied by the correct form, filled out completely and with all contact information correct and current. You are required to send in a separate form for each year submitting either fees or CDHs for accounting purposes, and for record keeping in case of an audit by the IRS.

Anytime you have questions about your CISEC Certification Contract, Expiration date, renewal date and what is needed, or need to start the Re-Certification process, please contact us.

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## California's QSD and QSP

By T. Delhagen, CHST, QSP, CISEC #0806

A cost effective and simple approach for general contractors to implement SWPPP on a job site in California is to employ both a Qualified SWPPP Developer (QSD) and Qualified SQPPP Practitioner (QSP) who work on the project site. This allows you to write and amend the SWPPP and monitor it with the required credentialed personnel.

We use the project superintendent as the QSP because he has management control over our workers and budget. He has company checks on site so it is easy to purchase needed supplies for Best Management Practice (BMP) maintenance. Being both a superintendent and QSP allows him to not only inspect the BMP's for effectiveness and also purchase replacements and have the field work force install or repair the BMP. Since a superintendent is usually on the job site most of the day they can be the best monitor of the Storm Water Pollution Prevention Plan (SWPPP). In addition he/she can work as QSP and superintendent at the same time because of their frequent field presence. This affords the general contractor a labor savings using one employee accomplishing two tasks most effectively because a superintendent has management authority and CISEC knowledge to inspect and correct all SWPPP issues.

In addition, the QSP can collaborate with the QSD who is on site and can make necessary SWPPP written changes to the SWPPP plan to ensure the SWPPP plan mirrors the site conditions as they change with on- going construction site progress. Our QSD is typically a field engineer assisting the superintendent with construction quality and document control. The QSD is also frequently on the jobsite verifying that work completed meets contract document requirements for required inspection of code requirements. This also is a labor savings having one employee accomplish two tasks effectively. He/she generally has a degree in construction management and is competent in managing SWPPP records and reporting to the Legally Responsible Person (LRP) and the SMART system in California.

This combination of QSD and QSP working on the same site provides for better source control. When we have weekly meetings of subcontractor's foreman, both our QSD and QSP are in attendance and run the foreman's meeting. We can instruct and control how materials are stored and protected by our subcontractors for both SWPPP requirements and Hazard Communication records. Again this is an example of multi-tasking in material control procedures. Everyone in management working on the job can educate their employees to maintain materials properly. It is an effective way to monitor source control and eliminate NON-Storm water discharges.

In conclusion, having in house on site QSP and QSD employees can provide effective meetings with any regulatory agents for site compliance discussions. In addition when the LRP and or owner representatives initiate an onsite inspection our qualified credentialed personnel can walk the jobsite with them and account for construction issues. Because our QSP and QSD are also Superintendent and Project Engineer who are extremely knowledgeable in both SWPPP and specific construction practices on the jobsite.

Our team approach of plural disciplines makes good financial and compliance sense to initiate and maintain a SWPPP from Notice of Intent (NOI) through Notice of Termination (NOT).





## New Polymer Guidance in Ontario, Canada

By L. Rocha, TRCA



Polyacrylamides (PAMs) are a group of polymers that have been used for decades in a variety of industries. PAMs used for construction site erosion and sediment control (ESC) applications are anionic, high molecular weight, water soluble molecules formed by polymerization of the monomer acrylamide.

Today there are several anionic PAM-based products marketed for use in construction site sediment management. These products can be applied for erosion control, clarification of sediment laden runoff, and de-mucking of wet sediment during pond cleanouts. They are designed to be used in conjunction with other best management practices, as part of a multi-barrier approach, to minimize soil loss and improve settling of suspended sediments.

The Toronto and Region Conservation Authority's Sustainable Technologies Evaluation Program (STEP) has recently released a guide for the application of anionic polyacrylamide on construction sites. The guide addresses product selection, documentation and reporting, safe handling, and spill response procedures. It also provides recommendations on design of erosion control, stormwater clarification, and pond de-mucking applications that include anionic PAM.

As a CISEC, it is important to be aware of the following when inspecting sites on which anionic PAM based products are being applied.



- **How often to inspect.** PAM treated soil surfaces should be inspected for signs of erosion weekly and before and after rainfall events. PAM-based stormwater clarification systems may require more frequent inspection, depending on the frequency of use. Inspections should be carried out daily when the system is operational. When the system is not operational, inspections before and after wet weather events are recommended to check on its condition.
- **What information to record.** The guide provides a full list of the details of an anionic PAM application that should be documented. Among the most important pieces of information to record are the product identifiers, quantity applied, the method of application, and the location where the product is used. Any visual aids, such as drawings or photographs, should also be collected if they are needed to provide sufficient detail on the application.
- **What to inspect.** When PAM is applied to soil surfaces, inspection is focused on ensuring no erosion is occurring. For PAM-based stormwater clarifications systems, there are additional elements that require regular inspection. Inspectors should conduct regular effluent turbidity monitoring and assess sediment accumulation to determine when clean out is needed. Other system components, including PAM blocks, filters, and permeable barriers should be inspected to ensure they continue to function as intended.
- **How to detect and respond to spills.** Minor spills with no adverse impact to the receiving water or aquatic organism should be immediately contained and removed. In the case of anionic PAM, a visible increase in receiving water viscosity would be a key sign of adverse impact. Like any other type of spill, significant PAM spills resulting in an adverse impact should be reported to the Ontario Ministry of Environment's Spills Action Centre, the conservation authority, the municipality, and the landowner.



Visit the STEP website at [www.sustainabletechnologies.ca](http://www.sustainabletechnologies.ca) to download a copy of the **Anionic Polyacrylamide Application Guide for Urban Construction in Ontario**, or to learn more about other STEP initiatives.



## Upcoming Training and On-Line Classes

CISEC, Inc. recognizes that the best people to inform others of what trainings are available through our program and how they may be of benefit, are our registrants. With that in mind, CISEC, Inc. is pleased to offer the following classes and examination dates:

- **August 18 & 19, 2013: StormCon in Myrtle Beach, South Carolina**
- **September 19 & 20, 2013: Escondido, California**
- **September 25 & 26, 2013: San Ramon, California**
- **October 2 & 3, 2013: Honolulu, Hawaii**
- **October 29 & 30, 2013: New Braunfels, Texas**
- **November 11 & 12, 2013: Albuquerque, New Mexico**
- **November 14 & 15, 2013: Escondido, California**
- **November 20 & 21, 2013: Abbotsford, British Columbia, Canada**
- **November 26 & 27, 2013: Newmarket (Toronto), Ontario, Canada**

If you know of people who could benefit by CISEC, Inc. training, please give them the above list as well as the website address where they can find an application as well as further information about CISEC, Inc. [www.cisecinc.org](http://www.cisecinc.org)

We also offer the Training Modules On-Line for the United States Modules through the International Erosion Control Association (IECA). Go to their website for further information on how to register.

Other information about classes, requirements and applications can be found on the CISEC, Inc. website. Thank you for getting the word out to those who could benefit from becoming a CISEC registrant.

## Information on CDHs

CDH hours are accumulated over a three year period in six different categories: Inspecting, Volunteering, Professional Forums, Educational Forums, Presenting Papers, or Other (e.g., teaching, monitoring, etc.). CISEC suggests that a yearly CDH renewal form be submitted so your acceptable hours may be tracked. Your three year requirement is a total of 36 acceptable CDHs; so the suggested minimum you attempt to accumulate and submit is 12 per year.

The review board works with individual registrants who need assistance in figuring out what are claimable hours and what are not. It is generally easier if a registrant sends in a form each year so we may contact them if they are not meeting the required number of hours before the three year period is up. Anytime a registrant has questions about their hours or renewal, we ask you to contact us at the email address or give us a call at the following email and phone number.

Email: [cdh\\_renewals@cisecinc.org](mailto:cdh_renewals@cisecinc.org)  
Direct Phone Line: 303-948-8249

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We're on the Web!

See us at:

[www.cisecinc.org](http://www.cisecinc.org)