IGP Trainer of Record Renewal Webinar

Phone #: 1-800-356-8278
Code: 970820
4* = Mute line on/off
https://www.conferencecalling.com/meeting/97082034

Monday, June 3, 2019 1:00 p.m. - 2:00 p.m.

AGENDA

1. ToR Certificate Renewal Overview – Daniel Apt

2. IGP Training Program Administration – Geoff Brosseau


4. Lessons Learned / Expectations / Passive Treatment Chemicals – Rich Muhl

5. Open Discussion (time permitting) – Daniel Apt

6. Adjourn – Daniel Apt
Renewal Webinar Agenda

- Renewal Overview
- IGP Training Program Administration
- Training Techniques & Assessing Training Effectiveness
- Lessons Learned / Expectations / Passive Treatment Chemicals
- Open Discussion (time permitting)
IGP QISP ToR Certificate Renewal Overview
IGP ToR Certificate Renewal

- As per the CASQA-ToR Agreement, to maintain status as an IGP Trainer of Record a ToR must renew certificate
- Purpose of today is to:
  - Disseminate information important to ToRs
  - Understand the renewal process
  - Receive information about training techniques and training effectiveness
  - Receive lessons learned and expectations
  - Provide a forum for ToR discussion / questions
Training Program Goals

The IGP Training Program is intended to help achieve the following goals:

- Compliance with the IGP
- Protection of California's waters from stormwater discharges associated with industrial activities
- Fair, firm, and consistent statewide enforcement of the IGP
Resources for Trainers of Record

- CASQA Web Site
  - Industrial & Commercial BMP Online Handbook
    - https://www.casqa.org/resources/bmp-handbooks/industrial-commercial
  - Public Access to Trainer of Record contact information and website
    - https://www.casqa.org/resources/qisp-qualification/industrial-general-permit-trainer-record
IGP ToR Web Page

- Only accessible to IGP ToRs
  - https://www.casqa.org/resources/qisp-qualification/igp-trainer-record-course-information
Outline of QISP Classroom Training

Draft Outline of QISP Classroom Training (training to be provided by TORs)

1. QISP Roles/Responsibilities (Permit requirements)
   a. New discharger for impaired waterbodies
   b. Specific reports and evaluation
   c. Path to Compliance Group Leader
   d. Permit requirements that don’t require QISP (i.e. that discharger will assume QISP is expert on)
   e. When a PE is required?
2. Online training content overview/review/Q&A
3. Case Studies (Scenarios presented and work completely through Level 1 and 2 ERA process)
4. Demonstrations (Examples)
   a. Proper Sampling Techniques
   b. Proper Sample Location Selection
5. QISP program administration details (fees, re-cert., etc.)
6. Time Commitments in the Classroom

<table>
<thead>
<tr>
<th>Training Module</th>
<th>Online</th>
<th>Classroom</th>
</tr>
</thead>
<tbody>
<tr>
<td>Module 0</td>
<td>Free, before student takes the QISP course</td>
<td></td>
</tr>
<tr>
<td>In-class questions on on-line content</td>
<td>1.5 hr</td>
<td></td>
</tr>
<tr>
<td>1. Introduction and Background</td>
<td>0.5 hr</td>
<td>.5 hr</td>
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<tr>
<td>Module 1 - Background and training layout, this will mention things like the exam is questions only, not guided and that the training pulls from the permit and the scenarios. We can also give a back ground on the</td>
<td>2 hr</td>
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industrial permit promulgation.

<table>
<thead>
<tr>
<th>Module 2 - SWPPP and BMPs + 1 site scenario for reference</th>
<th>4.5 hr</th>
</tr>
</thead>
<tbody>
<tr>
<td>Module 3 - Monitoring and ERAs + 1 site scenario for reference</td>
<td>4.5 hr</td>
</tr>
<tr>
<td>Module 4 – Receiving Water and SMARTS NEC (?) + 1 site scenario for reference</td>
<td>4.5 hr</td>
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</tbody>
</table>

ERA Process and Examples (choose from site scenarios?)* do we need to develop an outline for in class scenarios that a TOR develops?

In-class TOR discretionary time | 2 hr |

Total Time | 16 hr | 7 hr |
Potential Future Resources for Trainers of Record

- Trainers’ “Tool Box” – possible future contents (we welcome your ideas/contributions):
  - Representative photos
  - Inspection/enforcement case studies
  - List of reference web sites / web links for specialized training (e.g., sampling) and other relevant information
  - Short videos (e.g., SMARST tutorial, background/intent of IGP, enforcement penalties/case studies for non-compliance)
  - Study guide(s) to provide to incoming QISP training course students, to prepare them for the course
  - Fact sheets/other for educating LRPs
  - State Water Board SIC Codes Presentation
  - Other?
IGP Training Program
Administration
What Happens After this Webinar?

- Sign new 2-year Compliance Agreement – you will receive this via email from CASQA
- Submit 2-year Renewal Fee ($95) online through the CASQA Store
- Renewal fee - Sufficient funds to cover CASQA costs of administering the program for 2 years; QISP fees are used for same purpose)
- You will be subject to periodic review / evaluation:
  - compliance with the agreement you signed
  - responsible use of training materials
  - complaints/grievances
  - audit(s) of your training classes, etc.
What Happens After this Webinar? (cont’d)

- After your renewal has been processed, CASQA will update the following information on the CASQA website:
  - ToR List: Your name, expiration date, email address
- Reminder: You are responsible for the optional posting of your training scheduled on the CASQA ToR Calendar and ensuring accuracy of posted information
- You are encouraged to keep your company web site up to date at all times, if you have opted to have the public referred there from CASQA site
Roles: CASQA (not a complete list)

- Administer process to qualify Trainers of Record, including final selection and issuance of certificates
- Create/maintain web site and centralized databases for Trainers of Record and QISP (contract with CSUS OWP)
- Develop/maintain exam content, score exams and notify examinees (contract with CSUS OWP)
- Periodically assess and update the minimum QISP Training Program content requirements.
- Manage renewal processes for Trainers and QISP
- Lead investigations regarding complaints against Trainers
- Revoke qualifications status of Trainers of Record if necessary based on investigations
Roles: State Water Board (not a complete list)

- Advertise CASQA web site and key events through LYRIS
- Continue to lead the IGP Training Team
- Provide updates on changes to the IGP
- Create/present some training content, including representative photos, inspection/enforcement case studies, and content related to background/intent of the IGP and SMARTS
- Lead investigations regarding complaints against QISPs, and report this information to CASQA
Training Techniques & Assessing Training Effectiveness
Training Techniques

- Adult Learning Principles
  - Studies show that children and adults learn differently and so different approaches are needed to help adults learn
  - Identification of learning objectives to trainees that are clear and measurable statements of intent
  - Adult learners are task centered and so adult training should be task centered
  - Interactive instruction is a critical piece to learning
    - Use case studies, brainstorming exercises, group exercises, facilitated discussions, role-plays, and problem solving
Assessing Training Effectiveness

- Written Pre & Post Tests / Surveys
  - Evaluate a day of training
  - Evaluate a specific module

- Oral Group Questions
  - Integrate into modules to keep trainees engaged
  - Perform at the end of each module
  - Provide small prizes as incentive (candy)

- Report out on exercises
  - Evaluate how your exercises were perceived and did they understand instructions
  - Evaluate how well they understood the material
  - Keep exercise materials and modify based on results
Lessons Learned
Expectations
Passive Treatment Chemicals
Industrial General Permit Lessons Learned / Expectations

Richard Muhl
Senior Environmental Scientist Specialist
Central Valley Regional Water Quality Control Board
Floc Tabs
Polyacrylamide Sediment Removal Tabs

Floc Tabs should be placed at the upper end of a drainage channel or as close as possible to active earth moving activities and should be attached to a stake in the center of the channel system where flow starts to concentrate. The Tabs can easily be transferred to different locations as site conditions change. Construction of mixing wells may be required in areas with short ditch lines, swelling clays, heavy particle concentrations, or steep slopes.

Active Ingredient: 50% Polyacrylamide

Net Weight - 35 lbs per container

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12.07.2017
California Regional Water Quality Control Board
Central Valley Region, Sacramento Office

Senior Environmental Scientist
Compliance and Enforcement Unit:

Rich Muhl
(916) 464-4749
Richard.Muhl@waterboards.ca.gov
Open Discussion