

Evaluation Summary Form
Attendance: 125

C.3.h INSPECTION AND O&M STORMWATER SYSTEM WORKSHOP

Cupertino, CA

Wednesday, May 6, 2015

AFTERNOON SESSION 71 Evaluations (57% of attendees)

1. **Overview of C.3.h Requirements in MRP 1.0 and the Future** – Given by Kristin Kerr, SCVURPPP Program Staff

Very Useful 43 Somewhat Useful 28 Not useful

Comments:

- Situations shown are very factual and so familiar. Well prepared presentation/training.
- Good heads up for MRP 2.0.
- Good overview.
- Good to know updates and changes.
- Thank you very much for this class it was very helpful.
- Future: Why not wait until it's official?
- Good level of detail.

2. **Inspecting, Operating and Maintaining Stormwater Treatment Systems** - Given by Peter Schultze-Allen, SCVURPPP Program Staff

Very Useful 53 Somewhat Useful 15 Not useful 2

Comments:

- Very detailed and easy to follow. Lots of common sense stuff.
- Great photos of working & not so working C.3 systems.
- Pictures are most helpful!
- Very helpful.
- Too many examples. Emerging contaminants?? (Materials, filler, etc.). Cost.
- Great info, but not as relevant for inspectors but loved the lessons learned.
- Little to no discussion on maintenance. Too much review of design failures.
- Good visuals.
- Good to have handouts with lines on side for writing notes; in color.
- More about design flaws than routine O&M.
- Show good things, in written form, not just only your comments, show pics in color in our handouts for future reference. Handouts not useful.

- Add arrows/labels for points being highlighted (esp. useful for reference later).
- Very much appreciated the examples of projects – what works and what doesn't.
- Should talk more about regulating and doing inspections. How to conduct them. Who to address with issues and how to provide evidence of potential for pollution.
- Pictures of bad and good examples were perfect.
- Examples/photos of problem and solutions are always useful.
- Highlighted problems, but did not talk much about how to inspect, particularly what to look for when inspections are done in dry weather.
- Very useful for design concepts. Might be good to provide more inspection remedies after installation.
- Did a nice job explaining in the photos what did not work. This helps future designs.

3. **Group Exercise – Facilitator, SCVURPPP Program Staff**

Very Useful 42 Somewhat Useful 20 Not useful

Comments:

- Not as active as the C.6 Group Exercise.
- Really great info, but more appropriate for design workshop people, not review C.3 inspections.
- More about design flaws - would be nice to see routine O&M examples.
- Good ideas.

4. **Did this training meet your expectations? Yes: 55 No: 5**

- More than I have imagined. It should help us out in the field and be more effective in solving similar situations that may happen in the future.
- Group exercise.
- Did not address inspections; was more of a design seminar.

5. **What parts of the training were most useful to you?**

- Video/Slides/Demo
- All of it practically.
- Videos and pictures.
- Using actual sites as examples and talking about how the system works and what could be modified.
- Images.
- The interaction and questions & answer toward the end.
- Inspecting, Operating and Maintaining Stormwater Treatment Systems.
- Photos/Examples.
- The pictures were the most helpful as visual aids.
- Group exercise.

- Bioretention design and issues.
- Exercises.
- Erosion and sediment prevention.
- Pictures.
- Examples.
- Maintaining stormwater.
- Quick round.
- The types of bioretention basins.
- Learning about new bioretention apparatus.
- Picture examples.
- Examples: writing out the pro's and cons will be helpful for future reference.
- Photos of different designs.
- The various pictures showing the correct & incorrect ways of designing/constructing the stormwater treatment systems.
- Practical application.
- Pictures/examples.
- Examples, including the exercise.
- Going over the retention area examples with problems.
- Pictures and videos help illustration.
- The group exercises.
- C.3 requirements for MRP Training.
- Visual pictures.
- See photos and explanation of bioretention.
- Pictures/Scenarios
- All
- Videos
- Real world examples.
- Bioretention areas.

6. **What would have made this training more useful?**

- More pictures and videos.
- Treatment for C.3 O&M violations.
- Can't think of anything.
- Maybe hands on experience.
- Site visit or videos or examples to see, influences 3-D view, 360 degree.
- On hands training of how projects looked before and after.
- More time.
- Video and Audio.
- Discuss who would do maintenance, how does the maintenance crew resolve irrigation challenges and plant/soil incompatibility.
- Less plant talk. Need to explain how to inspect private vs. public property projects.
- Better videos.
- Color photos in the packets!!

- Won't be able to use photos as reference in the future because it's black and white and lost too much detail.
- More examples and more picture angles of examples.
- More focus on routine O&M.
- Some notes to accompany pictures about take-away points. Highlight how different systems work, pictures/videos of how they should work – with water moving through. Have pics prior to install to illustrate how they work.
- Field trip to a few projects already in place.
- More examples of systems and explaining how they work. What systems filter what.
- More info on inspecting mechanical systems (yes I know we are shifting away from there, but we have 100's installed already).
- Focus on what C.3 inspectors (not designers) need.
- Lots of emphasis on design considerations were discussed by showing problems during wet weather. Training should be modified to help inspectors evaluate systems during dry weather and how to identify minor fixes to keep treatment areas functioning.

7. What topics would you recommend for a future training?

- BBQ Lunch
- Ok as is.
- Nothing.
- Bottle water at lunch time.
- More examples and photos.
- Conducting installation/construction inspections, including emerging technology (solve calls).
- Inspecting, operating and maintaining stormwater treatment system.
- Inspection follow up/techniques.
- Specific presentations on irrigation and horticulture.
- More on drought tolerant plants.
- More specific examples of plants in bioretention basins.
- Other materials used beside mulch. Recycled tires?
- More comprehensive coverage of C.3 compliance methods.
- Dry weather assessments of O&M.
- Bio soil

8. General Comments?

- Great training. So well prepared. Speakers really did their homework.
- More photos, less text.
- Great presentations.
- Great job, keep it up!
- Thanks!
- Way too much paper given out! Especially since many of the PowerPoint slides that have printed just had transition slides and not information. Game could have been done only on PowerPoint on screen.

- Video slides didn't need to be printed.
- Great examples (images) to show real issues in real environments.
- Great job!
- Very good training. Always helpful and informative.
- Thank you for all your time.
- Great training and lunch.
- This workshop gives me good information in bioretention design that I can use on City's Projects.
- Great Job.
- So many examples. People got bored.
- We need to be able to speak the language of the crew doing the maintenance...or the homeowner. Language is not Spanish or German, but irrigation, soil, and plants.
- Good class.
- Color photos in packet!!!
- Send us handouts in email. Give "good" reasons, ideas in a slide with words, not just verbal. Too theoretical.
- Thanks for keeping group discussion short!
- Great!
- Chairs are so uncomfortable!