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Frequently Asked Questions

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Frequently Asked Questions

General Information

Q. How is the Statewide LID Training Program different from the WSU Technical Workshop Series?

There are three levels to the Statewide LID Training Program: introductory, intermediate and advanced. The introductory and advanced cover LID material in a different format and at a different level than the WSU workshops. The intermediate level for the Statewide LID Training Program (Statewide Trainings) is very similar to the WSU Technical Workshop Series (WSU Workshops).

The reason for developing a Statewide LID Training Program is to expand the training opportunities and improve the application of LID in Washington State as LID becomes required in western Washington and encouraged in eastern Washington through the new permits. So, while the WSU Technical Workshop Series fills an important intermediate level training niche for South Central Puget Sound, the Statewide Trainings expands LID training topics, levels, and geographic reach.

Topics Covered:

Overall, the same topics are covered in the WSU Workshops as in the Statewide Trainings; however, the trainings offered through the Statewide program generally cover topics in one day because there are a few topics (e.g. Introduction to LID for Inspection and Maintenance Staff (O&M), the Intermediate LID Topics: NPDES Phase I and Phase II Permit Requirements and compost amended soils) that are covered in separate trainings rather than combined with other topics. For example, the NPDES Permit topic is covered in a stand-alone training within the Statewide Training Program rather than with Site Planning and Preparation, TESC, Plan Review and Inspection in the WSU Workshops.

The depth of topic coverage is about the same in the intermediate Statewide and WSU trainings.

Cost of training:

The Statewide Trainings are free, but you must provide your own lunch (light refreshments are provided). The WSU Workshops charge a fee that covers breakfast, lunch and afternoon refreshments.

Certification:

The WSU Workshops lead to a certificate. We are still working on the details, but we anticipate there will be a certificate through the Statewide Trainings as well. Specifically, there will likely be two certificates through the Statewide Trainings: an O&M certificate for those completing the Advanced Topics for Long-term LID Operations (Bioretention and Permeable Pavement); and a design oriented certificate for those completing all the intermediate design trainings.

In February 2015, the Statewide Trainings will offer advanced courses that will provide detailed, technical design course work with hands-on training. You will need to have the LID certificate from the WSU Workshops or have completed the intermediate level design trainings through the Statewide Trainings to access those courses.
See the table below for a summary of the differences and similarities between the Statewide Trainings and WSU Workshops.

**Table 1. Summary Table for Comparing the Statewide LID Training Program and WSU Technical Workshop Series-Level, Length and Topics**

<table>
<thead>
<tr>
<th>Topic</th>
<th>Statewide LID Training Program</th>
<th>WSU Technical Workshop Series</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bioretention</td>
<td>Part of a 4 hr training</td>
<td>1 day (8 hrs) 2 days</td>
<td>na 2 day (16 hrs) na                                                                                                                          Same subjects covered except modeling and compost amended soils are addressed in a separate workshop in the Statewide Training (this is why it’s 1 day instead of 2).</td>
</tr>
<tr>
<td>Permeable Pavement</td>
<td>Part of a 4 hr training</td>
<td>1 day (8 hrs) 2 days</td>
<td>na 2 day (16 hrs) na                                                                                                                          Same subjects covered except modeling is addressed in a separate workshop in the Statewide Training. Presentations on individual permeable pavement types are shorter (this is why it’s 1 day instead of 2).</td>
</tr>
<tr>
<td>Green roofs, Rainwater Harvesting</td>
<td>4 hrs</td>
<td>1 day (8 hrs) 12 hrs</td>
<td>na 2 day (16 hrs) na                                                                                                                          Same subjects covered except modeling is addressed in a separate workshop in the Statewide Training and the Statewide Training does not cover low impact foundations (this is why it’s 1 day instead of 2).</td>
</tr>
<tr>
<td>Site Assessment and Layout</td>
<td>na</td>
<td>1 day (8 hrs) 2 days</td>
<td>na 2 day (16 hrs) na                                                                                                                          Same subjects covered except NPDES permit is addressed in a separate workshop in the Statewide Training and there is no outside session with an arborist to discuss tree assessment (this is why it’s 1 day instead of 2).</td>
</tr>
<tr>
<td>Compost Amended Soils</td>
<td>Part of a 4 hour training</td>
<td>Part of bio-retention media training</td>
<td>na Part of Bioretention workshop na                                                                                                                  Covered about the same level of detail in the Statewide and WSU Trainings.</td>
</tr>
<tr>
<td>Bioretention Media</td>
<td>na</td>
<td>1 day (6 hrs)</td>
<td>na Part of Bioretention workshop na                                                                                                                  Covered more in-depth in the Statewide training.</td>
</tr>
<tr>
<td>Hydrologic Modeling</td>
<td>na</td>
<td>4 hrs</td>
<td>1 day (8 hrs) na Part of Bio, PP and Green Roof workshops na Stand-alone trainings for the Statewide program. Covered as part of BMP presentations for WSU workshops.</td>
</tr>
<tr>
<td>NPDES Permit</td>
<td>na</td>
<td>4 hrs</td>
<td>na 2 hrs na                                                                PEEDAS Permit Center for Site Planning and Preparation. Covered as part of the WSU workshop for site planning and preparation.</td>
</tr>
<tr>
<td>O&amp;M overview</td>
<td>4 hrs</td>
<td>na</td>
<td>na na na na O&amp;M covered as part of the BMP presentations in the WSU workshops.</td>
</tr>
<tr>
<td>O&amp;M: Bioretention</td>
<td>na</td>
<td>1 day (8 hrs)</td>
<td>na approx. 1.5 hrs na O&amp;M covered as part of the BMP presentations in the WSU workshops.</td>
</tr>
<tr>
<td>O&amp;M: Permeable Pavement</td>
<td>na</td>
<td>1 day (6 hrs)</td>
<td>na approx. 1 hr na O&amp;M covered as part of the BMP presentations in the WSU workshops.</td>
</tr>
</tbody>
</table>
Registration

Q. How do I register for a course in the Statewide LID Training Program?

Online registration is available on Brown Paper Tickets. Admission is FREE for all events. Please follow the step by step instructions below.

1. Click on the unique links in the course catalog to register for a specific course. Links will be available when registration for each course is open. The courses that do not have links are not yet open for registration.
2. Click on the link below to view a list of all courses that are currently open for registration.
   www.brownpapertickets.com/profile/686494
3. Click “view event” for the event for which you would like to register.
4. If you are registering for a course that is full, you will be able to register for the course waiting list. You will be notified one week prior to the course date whether you have been removed from the waiting list and put on the participant list.
5. Click “Add to Cart.”
6. Answer the mandatory registration questions.
7. Enter your contact information and click “Complete Order.”
8. You will immediately receive an email confirmation of your order.
9. You will receive reminder emails 2 weeks and 1 week before your course with driving directions and training-specific information.

Q. What if the course I want to register for in the course catalog does not have a registration link?

If there is no registration link for your training in the course catalog, registration is not yet open. Please visit the Statewide LID Training Program website at www.wastormwatercenter.org/lidswtrainingprogram to download the most up-to-date version of the course catalog.

Q. How do I access course materials?

The course materials are located on the Washington Stormwater Center website here. Please print your own copy of the PowerPoint slides if you would like to have them for the training. Agendas will be provided.

Q. What do I need to bring to the course?

- Paper and something to write with
- Your own copy of the PowerPoint slides for your source (optional)
- If there is a field component to your course, dress appropriately for the weather
- Lunch, if your course is all day
Q. Where can I find directions to my course?

You will receive an email with a map and other logistical information two weeks AND one week before your course. If you did not receive this information or have a question about the location of your course, email training@cascadiaconsulting.com and request this information.

Prerequisites and Certificate Requirements

Q. What are the prerequisites required to take an introductory course?

There are no prerequisites for introductory courses. Introductory courses are recommended but not required to obtain a Statewide LID Training Program Certificate.

Q. What are the requirements to take an intermediate course?

There are no prerequisites for intermediate courses. Some intermediate courses are required to obtain a Statewide LID Training Program Certificate.

Q. What are the requirements to take an advanced course?

Advanced Topics in LID Design: Course Background

The Advanced Topics in LID Design for the Statewide LID Training Program build on the intermediate design courses offered in the 2, 3 and 4 series modules. Specifically, advanced design courses offer participants the following:

- Courses focused on bioretention, permeable pavement, rainwater collection systems and vegetated roofs, and bioretention media and compost amended soils will concentrate on specifications, design details, water quality treatment, and flow control performance at a level necessary to properly apply these LID BMPs in complex retrofit and new construction settings.
- The Site Assessment, Planning and Layout courses will emphasize soil and subsurface hydrologic analysis and innovative site layout at a level necessary to layout LID projects in complex physical settings.
- The Hydrologic Modeling courses will use hands-on modeling exercises to explore the more advanced capabilities of WWHM and MGSFlood to better describe water movement through bioretention, routing water through connected facilities and other aspects of distributed LID systems.

The advanced design courses will emphasize hands-on experience. The requirements for entry into the design and long-term operations courses are described below.

Requirements for entry to the Statewide LID Training Program’s Advanced Topics in LID Design

There are four options for fulfilling entrance requirements to the Advanced Topics for LID Design:

Option 1

To fulfill the requirement for individual advanced courses, complete the intermediate level LID design course associated with the specific advanced training topic.
<table>
<thead>
<tr>
<th>Advanced Course</th>
<th>Prerequisite</th>
</tr>
</thead>
<tbody>
<tr>
<td>Advanced Topics in LID Design: Bioretention</td>
<td>Intermediate LID Design: Bioretention</td>
</tr>
<tr>
<td>Advanced Topics in LID Design: Permeable Pavement</td>
<td>Intermediate LID Design: Permeable Pavement</td>
</tr>
<tr>
<td>Advanced Topics in LID Design: Site Assessment, Planning and Layout</td>
<td>Intermediate LID Design: Site Assessment, Planning and Layout</td>
</tr>
<tr>
<td>Advanced Topics in LID Design: Hydrologic Modeling</td>
<td>Intermediate LID Design: Hydrologic Modeling</td>
</tr>
<tr>
<td>Advanced Topics in LID Design: Rainwater Collection systems and Vegetated Roofs</td>
<td>Intermediate LID Design: Rainwater Collection Systems and Vegetated Roofs</td>
</tr>
</tbody>
</table>

**Please note:** Classes from the WSU LID Technical Workshop Series associated with specific advanced courses can also be used as prerequisites for entering the advanced courses.

You must be in attendance throughout each of the above prerequisite courses and attendance recorded by signing in and signing out to qualify for the advanced training.

**Option 2**

To fulfill requirements for all advanced courses, attain the Certificate through the Statewide LID Training Program

- See the policies for completing the Statewide LID Training Program Certificate on the Washington Stormwater Center website (coming soon).

**Option 3**

To fulfill requirements for all advanced courses, attain the Washington State University (WSU) LID Technical Workshop Series Certificate


**Option 4**

To fulfill requirements for all advanced courses, complete the University of Washington (UW) LID Certificate in Green Stormwater Infrastructure Design and Management

- See UW policies for completing the LID certificate on the UW Professional and Continuing Education website. ([http://www.pce.uw.edu/certificates/green-stormwater-infrastructure.html](http://www.pce.uw.edu/certificates/green-stormwater-infrastructure.html))

Potential candidates for the advanced trainings that have not completed any of the above courses, but have significant LID design experience can sign up on a waitlist. Waitlist candidates without the above prerequisites will be asked to respond to a set of pre-screening questions. This option for entry into the advanced courses is only available if the course is not full with participants meeting the prerequisite options 1-4.

Participants must pass a test associated with each course with a grade of 75% or higher to successfully complete the advanced courses.
The advanced LID design courses are currently being developed. Stay tuned for updates on curriculum, dates, and location for these course offerings.

Requirements to qualify for the Statewide LID Training Program's Advanced Topics for Long-term LID Operations courses

There are no prerequisites required to qualify for the advanced LID long-term operations courses. While not required, Module 2.1: Introduction to LID for Inspection and Maintenance Staff is highly recommended for the advanced courses.

Q. What are the requirements to obtain a Statewide LID Training Program Certificate?

The Project Team is working on a comprehensive guide to the requirements for obtaining the certificate. Check back soon for more information. You can email training@cascadiaconsulting.com to request certificate information when it becomes available.

Proof of Course Completion and CEUs

Q. How can I get proof of course completion for my employer?

Please bring the appropriate confirmation form, email, or written statement from your employer to your course. The instructor will sign this form upon completion of the training.

Make sure that you sign in and sign out at the training so that records of your attendance are on file.

Q. How can I apply for CEUs for my course?

Bring the application form for your CEU to your course. The instructor will sign this form upon completion of the training.

Online Resources

Q. If I missed a training or would like to refresh my training, where can I find the materials?

All training materials for courses offered will be posted to the Washington Stormwater Center (WSC) website before all trainings and will be available as part of the Resource Library after each training. The WSC website is the clearinghouse for resources on LID. You can find information for municipalities and businesses including training and education opportunities offered throughout the state.

You can also sign up to follow the WSC on Facebook and Twitter to receive updates and news.