

July 27, 2011

Notes from Brownfields Learning Community (PLC)

Topics: Developing a Curriculum
 Required Training

Special Note

Act Immediately:

PLC members who wish to attend the Annual Environmental Job Development All-Grantee Meeting on August 22-23 in Alexandria, VA

PLC members interested in participating in a “hands on” environmental job development and training workshop are invited to our annual grantee meeting. Participants include regional job development representatives, headquarters staff, and current and alumni grantees. Sessions are plenary and “break out” small group discussions on topics are selected by participants. There is no charge for this workshop. Hotel for two nights is provided. Participants must provide their own transportation. **ROOM RESERVATIONS MUST BE MADE IMMEDIATELY.** In addition to making reservations you must respond to the attached invitation.

Reserve your rooms at Hilton Alexandria Old Town for the Brownfields Grantee Meeting ASAP.

You can do so by clicking on the following link or by phone at 1-800-445-8667 (1-800-HILTONS)

http://www.hilton.com/en/hi/groups/personalized/D/DCAOTHF-ABG-20110821/index.jhtml?WT.mc_id=POG

Please use Brownfields Grantee Meeting as your block name.

NOTES FROM SESSION 46

Developing a curriculum

1. What should I teach?
 - Matching curriculum to labor market assessment
 - Matching curriculum to student profile
 - Matching curriculum to facilities and equipment
2. How do I teach it?
 - Traditional classrooms – evenings / days
 - Distance learning
 - Combination and multimedia training
3. Where do I find certified trainers?
 - In house trainers
 - Community colleges and universities
 - Consulting firms
 - Future employers
 - Independent contractors
 - Other non-profits (life skills training)
4. Training Issues
 - Certification requirements
 - Insurance and liability
 - Matching students capabilities to curriculum
 - Health issues
 - Health and safety issues

Required Training

Those receiving EPA Federal assistance are required to provide OSHA 29CFR 1910.120, 40 Hour Hazardous Waste Operations and Emergency Response Training.

OSHA 29 CFR 1910.120 40-hour Hazardous Waste Operations and Emergency Response (HAZWOPER)

Any individual wishing to access sites with hazardous materials present must have a HAZWOPER certificate. Commercial training organizations charge in excess of \$550 for this certificate, making it a valuable asset for all program graduates. OSHA 1910.120 forms the base for EPA environmental job development and training programs. Curriculum and “train the trainer” programs are available from a variety of sources including several EPA job development grantees.

After HAZWOPER, each program offers certifications depending on local workforce needs. Additional certifications commonly offered by may include the following:

OSHA- 29 CFR 1926 Training

10 hour General Industry or 10 Hour General Construction

30 Hour General Industry or 30 Hour General Construction

Other Popular OSHA Certificates

Confined Space Entry

Fall & Arrest Systems

Electrical Safety

EPA

RR&P (Lead Renovation, Repair & Painting)

Asbestos

Radon

Mold

Freon Extraction & White Goods Recycling

Other

40 Hour Green Technology

24 hour Weatherization

CDL (Commercial Driver’s License)

First Aid

DOT Regulations

DOT Hazmat Transportation 49 CFR 172.704 Training

First Responder

Fork Lift Operator

Besides certification related offerings, job development and training programs are required to provide training in a variety of environmental topic areas. Because topic areas are extensive and cover a range of issues, many of subjects are combined and presented together as “awareness training”. Awareness training often includes the following subjects:

- Underground Storage Tank Leak Prevention awareness training
- Solid Waste Management or Cleanup related awareness training (e.g., recycling center operator training, landfill remediation and capping, demolition and debris collection and recycling, etc.)
- Innovative and alternative treatment technologies awareness-related training (e.g., solar installation, green remediation techniques, phytoremediation, soil amendment, urban agriculture, advanced sampling instrument operator training, storm water management or and system site preparation, etc.)

It should be noted that certification offerings and awareness training beyond those required should be based on local needs assessments.

Additional resources:

A more detailed discussion of program sustainability related to green jobs and environmental job training can be found at www.brownfields-toolbox.org.

TO THOSE INTERESTED

If you applied for and did not receive a grant this cycle, do not give up if you are still interested in starting an environmental job development program. Environmental workforce job development and training grants have been awarded every year since 1998. Chances are excellent that the next requests for proposals will occur later this year. We should know the approximate schedule at the August All Grantee Meeting and will pass on that information.

Good News: While the number of submitted grant proposals was high this year (over 100) the number of grants awarded doubled to 21 totaling \$6.2 million (almost double previous funding levels.)

Suggestions if you did not receive an award this cycle:

1. Contact your regional EPA job development representative
2. Communicate your desire to reapply during the next cycle
3. Ask to review your proposal and discuss issues which detracted from your submission
4. If possible, discuss or review successful programs in your region
5. Stay tuned to our Professional Learning Community – We plan to discuss and review strategies and activities associated with sustainable environmental job development programs in future sessions.
6. If you have been participating in the PLC – try to attend the Annual Environmental Job Development All-Grantee Meeting on August 22-23 in Alexandria, VA. There you can network with successful grantees and EPA staff while discussing strategies for developing sustainable programs.

You may also wish to proceed with your program development without current assistance from EPA. As discussed in previous sessions of the PLC, there are many alternative sources of assistance that can be used to develop and sustain an environmental job development program. As discussed, assistance for Environmental Jobs Training programs comes from a variety of sources including:

- Federal agencies
- State & local agencies
- Public and private foundations, trusts and benefactors
- Private sector benefactors
- Community groups, community colleges, nonprofits and individual contributions
- Litigation and court settlements

Startup and development funds may be best provided by local funding sources. As program development progresses, Federal assistance can be an excellent supplement to a program already in motion.

MARK YOUR CALENDAR

Next PLC Session: Wednesday, July 13, 2011
 2:00pm EDT
Topic: Funding
 Sustaining a Job Development Program
 Leveraging Resources
 Plans for those attending the annual workshop in Alexandria in August

Feel free to invite a guest! Send your contact information to Mike Senew at msenew@aol.com. Visit our *Brownfields Toolbox* Web site at <http://www.brownfields-toolbox.org> for more information on Brownfields Job Training programs.