

# Delaware Riverkeeper Network

Monitoring and Maintaining  
Restoration Projects

# Step 1: site seeing



- When you arrive at your site, you first want to walk around the whole site before you complete the RPS (restoration project survey)
- Take pictures of any damaged plants and there will be a diagram of the site in your folder.
- You should get a folder with all this information.

# Step 2: plant survey

- Plant survey is a survey that you have to determine if the trees and plants are damaged, alive, healthy....
- If a plant is damaged you have to determine what type of damage it is.
- You also have to take a picture of the plant's damage spot.
- If you need help you can always refer to your folder.



# Step 3: bioengineering survey



- This survey is where you refer to the actions taken to reduce the force impact of stream energy.
- You basically have to do re-grading and re-vegetating stream banks which allows the stream's water under high-flow conditions to rise gently on the bank thus dissipating energy.
- On your datasheet record the conditions of all the bioengineering components present at your site.
- If you need help refer to your folder.

# Step 4: Stormwater Retrofit Survey

- This basically focuses on addressing only the peak rate of runoff. (you hold the runoff for a few hours before it is sent to through a deliberately sized pipe directly to the local waterways)
- When you are finished you want to record all the data on your datasheet located in your folder.
- Make sure to record the conditions of all stormwater retrofit components present.
- You can refer to your folder for questions.



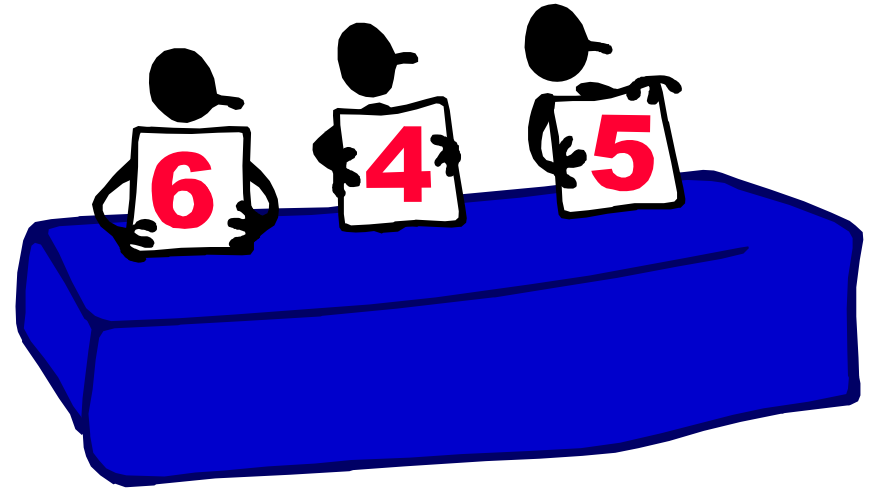
# Step 5: Photo Monitoring Survey



- Basically have to have a visual record of all the damages, dead, erosion, tree trunks that are cracked...
- The pictures have to be taken in the same spot year to year.
- to fill out the datasheet all you have to do is label the back of the photo with the information.
- If you need help with anything refer to your folder.

# Step 6: restoration project survey scoring

- This part is just a overall score for your project site.
- There are 6 elements that you have to rank with a score from 1 to 10.
- Low scores indicate poor conditions, high score indicate ideal conditions.
- This paper is located for you in your folder.
- If you need help have question or are wondering what the scoring looks like refer to your folder.
- Theres a comment section if you have any additional information
- Thank you!!



Thank You!!!!

The Delaware Riverkeeper  
Network would like to thank all of  
you guys for helping out!