

Stream Team Meeting Minutes  
7:30 PM Wednesday, December 1, 2004

Present: Bill Allen, Kelley Curran, Gene Fox, Michael Hartwig, Todd Hayes, Bill Marshall, Lee Pollock, Robin Timmons, and Chuck Whitmore

Note: Follow-up/To-Do items are in bold type

1. Todd motioned to approve the November meeting minutes with one change in the spelling of Anacord**es** to Anacort**es**. Chuck seconded the motion.
2. Kelley asked the members to help with a wish list of items to be potentially included on upcoming grant applications. The group came up with the following:
  - Materials/equipment for biological sampling program start-up
  - Antenna for GPS unit
  - Equipment for GPS unit that will perform automatic differential correction
  - 2 pairs of chest waders
  - Money to get additional ISCO units up and running on the streams
  - Laser distance meter
  - YSI multi-parameter probe for connection to ISCO sampler
  - Stream Team dedicated computer with network access

**Kelley asked that the group email her with any other suggestions.**

3. Chuck advised the group of his preliminary GPS work on Loantaka in March 2004 prior to taking his leave to Canada. Chuck plans to continue GPS work in the headwater areas of Loantaka Brook and Black Brook now that the leaves have fallen. Plans include collecting GPS data on features of the sewer system, detention basins, culverts, bridges, drainage ditches, and stream reaches not mapped by the NJDEP. **Kelley promised to check the GSWA archives for any data that may have been previously collected so as not to duplicate any work.** Chuck's work may also include gathering information for Morris Township.
4. Kelley provided members with the results of the October 2004 baseflow sampling results. Unfortunately it was not determined until after the sampling round that the laboratory method detection limits (MDLs) were, in many cases, higher than the water quality standards developed by the Ten Towns Committee. As a result, several results came back as non-detect (ND). Robin said that this would definitely cause a problem when she tries to do any statistical analysis on the results. After discussing this concern with Princeton Hydro, samples collected during the January 2005 rounds of sampling will be sent to a new lab.

5. An additional round of TDS/nutrient monitoring on Loantaka Brook is on hold on account of the laboratory MDL issue stated above. **Kelley will look into alternative options for this sampling.**
6. Kelley distributed a copy of the 2005 Stream Team meeting schedule. Meetings will continue to be scheduled for the first Wednesday of each month at 7:30 pm.
7. Lee presented his findings on the year's macroinvertebrate sampling in the Great Swamp watershed. A few highlights include:
  - With only 3 marginal exceptions, macroinvertebrate communities reviewed during the 2004 sampling matched or bettered previous high scores
  - The totals for all 17 sampling sites: nearly 3,500 individuals comprised of 136 different species
  - The lowest species diversity in 2004 was found at the two most upstream locations on Loantaka Brook
  - A possible reason for the good quality results found this year may be due to more normal rainfall conditions than years past
8. Next meeting is scheduled for Wednesday, January 5th.

Respectfully submitted by: Kelley Curran