

**The Last Green Valley, Inc.  
Water Advisory Committee**

**Tuesday, February 13, 2018  
9:00 am –11:30 am  
TLGV Conference Room  
203B Main Street  
Danielson, CT**



Attendance: Lois Bruinooge, TLGV; Eric Thomas, CT DEEP; Dan Mullins, ECCD; Gloria Ricker, Webster Lake Association; Ziggy Waraszkiwicz, Charlton Lakes and Ponds; Dennis Latchum, Lebanon IWC; Therese Beaudoin, MA DEP; Jack Josti, French River Connection; Jean Pillo, ECCD and TLGV WQM Coordinator.

November 14, 2017 Water Advisory Committee Meeting notes approved by consensus

**TLGV Water Quality Monitoring Coordinator's report**

1. Last fall TLGV applied for funds to purchase additional equipment. The award has been granted – with possible additional funds available. (\$4700)
  - a. 10 new HOBOS
  - b. Cyanobacteria monitoring equipment including a digital microscope and a fluorometer.
  - c. Will include a pilot project in Roseland Lake (a recommendation in the Roseland Lake Management Plan) and will also be included at Amos Lake and possibly Webster Lake.
2. Meghan Lally at CT DEEP has been out of maternity leave. Translation – HOBO data has not been interpreted, RBV samples have not yet been evaluated.
3. Confirmed that DEEP and DPH will sponsor TLGV bacteria monitoring program in 2018. No information on a carrier at this time.
4. Shetucket River 2017 report card still not completed.
5. RBV
  - a. 15 samples submitted
  - b. TLGV Coordinator was team leader at 6 sites
  - c. RBV and HOBO data overlapped at 3 sites
6. Annual report and match report prepared and submitted to TLGV
7. Set a date for the volunteer appreciation event – April 6. The theme of the presentation will be on success stories. Presenters will include Acid Rain Monitoring Program and Therese Beaudoin. Venue not selected yet.

**Presentation/approval of 2018 WQM Plans by Volunteer WQM team leaders**

- Bacteria Monitoring (in CT, this program is sponsored by DPH and DEEP)
  - Year 2 Shetucket River survey – Paul Shaffer Team Leader
  - Lebanon bacteria monitoring – Dennis Latchum Team Leader
    - Track down project in one of the streams found to have high E. coli
  - French River Connection – Jack Jostii Team Leader (sponsored by MA SEP funds)
  - Path bacteria (not under any TLGV QAPP) new sites will be determined for 2018
  - Anguilla Brook Stonington – ECCD project outside the watershed Judy Rondeau Team Leader
- Troll Monitoring

- Webster Lake Association – Gloria Ricker Team Leader
- French River Connection – Jack Jostii Team Leader
- Charlton Lakes and Ponds Association – Ziggy Waraszkiwicz Team Leader
- Amos Lake Association – spring and summer lake monitoring Pat Monahan Team Leader
- Other Troll uses
  - Roseland Lake Cyanobacteria monitoring pilot program
  - HOBO site QC checks
- Nutrient Monitoring
  - Amos Lake Association - spring and summer lake monitoring (sponsored by the ALA)
  - Webster Lake Association – spring, summer and fall monitoring (sponsored by WLA)
  - Roseland Lake – none unless a sponsor is identified
- Cyanobacteria Monitoring (new)
  - Roseland Lake – pilot project sponsored by the Rivers Alliance of CT and TLGV
  - Amos Lake Association
  - Webster Lake Association
- Temperature Data Loggers (HOBO) – 19 TLGV units
  - Upper Natchaug – TLGV
    - Mount Hope well field impact study (requested by Neil Hagstrom)
    - Continue to document cold water habitat in the upper Natchaug Tributaries (sites not selected yet)
    - Roseland Lake inlet/outlet study – TLGV
  - Lebanon streams – Dennis Latchum Team Leader

Monitoring plans were presented and approved.

#### Agency Reports

##### CT DEEP Report:

2018 Integrated Water Quality Report update – data received and public draft possible for release in spring 2018. TLGV's data noted for contributing helpful and consistent data.

National Water Quality Initiative, a joint program by CT DEEP, US EPA and USDA NRCS targets funding in certain watersheds. Little River in Woodstock has been a NWQI watershed but the program has plateaued. The farm bill runs on a 5 year cycle and many eligible farms have met their funding cap.

CT DEEP has seen a decrease of 42 staff since 2017. An additional 38% expected to retire in the next 5 years.

##### ECCD Report:

The Mashamoquet Brook Septic System Replacement project has not received any interest from potential homeowners. An alternate project proposal is being investigated.

The Roseland Lake Management Plan draft was sent out to stakeholders for comment.

TLGV Healthy Soils RCPP – ECCD tech staff investigating potential new prospects to sign up for EQIP funding to initiate healthy soil conservation practices.

The comparison of edge of field monitoring practices will resume for a final season on a farm in Woodstock.

ECCD was notified their grant proposal to work with the Town of Putnam to develop a matrix of practical developed land stormwater Best Management Practices (BMP) retrofit projects in the lower Little River watershed was approved for funding.

ECCD is expecting a contract soon to fund water quality monitoring to study the effectiveness for nutrient and pathogen reductions from a woodchip bioreactor installed to intercept tile drain runoff on a farm in Woodstock.

TLGV update:

TLGV will be announcing the roll out of a \$6.1 million project for forest conservation projects in a three state project area. The funding will be provided by the USDA Natural Resources Conservation Service as a Regional Conservation Partnership Program. The goal of the project is to protected up to 1000 acres of forested land through permanent easements and provide funds to cover the cost of land surveys, forest management plants and bird habitat surveys.

TLGV is coordinating a second season of Spring Outdoors programs. Activities will be posted on a web-based calendar.

TLGV is accepting applications for Walktober events. Submissions are due by the end of May.

TLGV is once again offering clean up funds up to \$500 to support municipal and non-profit organization clean up events.

MA DEP Report:

The link to the Draft MA Integrated List 2016:

<http://www.mass.gov/eea/docs/dep/water/resources/07v5/16ilwplist.pdf>

Therese will inquire on available data from the Quinebaug and French Rivers at the CT/MA state line.

Team leader reports:

The French River Connection has a new website that is more compatible with phone technology.

Charlton Lakes and Ponds – Charlton has a boat excise tax that has been in part directed towards lakes and pond issues.

#### Other business

The New England Association of Environmental Biologists will be holding a 3 day conference in Devons, MA, and will include a forum of monitoring equipment.

Next WAC meeting scheduled for May 8, 2017 at the TLGV conference room.