

Siphon Drainage System

The committee has conducted a complete review of the siphon drainage system and has determined the system is not practical. Based on EnviroScience research, we have serious concern that the EPA will implement regulatory measures to control the discharge of the siphon system into streams and rivers downstream of our lake. The regulatory measures will impose either of the following two restrictions:

- Cease the discharge (shut down the system)
- Install **costly** methods to treat the discharge. Associated costs “will likely **far exceed** the cost of the siphon system itself” (ES Letter, June 15, 2010)

Below are cost estimates provided by CT consultants for design and construction:

- **Estimated Construction Cost:** \$498,600 - \$584,700
- **Design Fee:** \$33,000. (approximately \$7900 already spent)

Additionally, EnviroScience notes that since there are very few siphon systems installed in the U.S., there is little information regarding the actual proven benefits to improve water quality.

LMC Recommendation:

In light of the possible EPA requirements and associated treatment costs, marginal benefits to water quality, and the significant cost for construction, LMC does not recommend proceeding with the Siphon Drainage System.