Hi Bridget,

Thanks again for allowing me to tag along on the GHG sampling project yesterday.  Here’s a few follow-up items from our discussions.

1. The HOS (hypolimnetic oxygenation system) went much further in the lake than I realized and I believe we were seeing oxygen bubbling up from the diffusers yesterday.  The system was running both 8/17 and 8/18.  Our engineer tells me they feed 20 SCFM from 6am-8pm and 110 SCFM from 8pm-6am.  A map showing the diffuser locations is attached.
2. Typical operating costs for the HOS at USL are $68,000/year but capital costs have exceed $1 million (installation and then upgrades).
3. The reservoir was being drawn down on 8/17 and 8/18, but very slowly.  The reservoir level on 8/17 was 435.98;  on 8/18 was 435.86.  So only 0.12 ft change.  The wet shoreline I observed must have been from other influences.
4. The most recent water quality profile we have for USL is also attached.