

## **Controlled Methods Test (CMT) – Weekly Update: June 2, 2022**

*This is your weekly update regarding the Controlled Methods Test (CMT) sent to you from the TKPOA Owner Communication Working Group (comprised of volunteer Homeowners). We are committed to providing our fellow TKPOA Homeowners with these weekly updates as the ultimate schedule for the CMT remains fluid and is significantly dependent on weather, environmental and other factors that are largely out of TKPOA's control.*

**CMT Schedule Update:** Herbicide application proceeded as planned:

- Friday May 27: Sites 1, 2, & 3
- Sunday, May 29: Sites 5, 10 & 11
- Tuesday May 31: Sites 12, 13, 14 and Lake Tallac

Contractors did a great job, and everything went smoothly!

**\*Note\*:** As the test is now in process, it is especially important that all homeowners and visitors observe the “Emergency Rule” prohibiting any water activity in all the restricted areas. If you see anything suspicious or concerning within the restricted areas, please call security at 530-542-6444 or WQ Staff at 530-542-6444, ext. 275. Otherwise, those boating outside the restricted areas are free to do so. For reference on restricted areas, please visit <https://www.keysweedsmanagement.org/cmt-project>.

### **Overcoming Challenges:**

The excitement over the long weekend centered around Rhodamine Dye monitoring - there were two rhodamine detections. As background, Rhodamine Dye is mixed with the herbicide as it is applied because Rhodamine can be monitored on the water in real time (see pictures attached). If the dye leaks it can be assumed that herbicides are escaping in proportion. The monitoring team measured .35 parts per billion (ppb) just outside Site 2 turbidity curtain in “Restricted Area A” on Saturday, May 28, and .26 ppb just outside of Site 15 in “Restricted Area B” on Monday, May 30.

It's worth noting that both of these measurements are well below “safe water” standards. Also, measurements taken at all the contingency sites nearby had zero detections. In both cases, divers were summoned immediately to inspect the curtains. It appears that strong winds broke some of the (manufacturer supplied) zip ties near the center of the curtains. The best and safest solution outside Site 2 was to install another set of double turbidity curtains just outside the boat barrier. The CMT Project Team extends a hearty “thank you” to the homeowners who allowed us to access their property and effectively seal off their docks. For Site 15, the position of the curtains was adjusted slightly to accommodate the wind, and the zip ties were replaced with a rolled seam and metal c-clamps. All appears to be under control at this point, but daily monitoring continues!

**Town Hall Attendance:** Thank you all who attended last week's THF - we had a great and lively participation! One of the most important questions was - “when do the curtains come out?” At this point, we're still hoping for four weeks after application. That would translate to 6/22 for “Restricted Area B” and 6/28 for “Restricted Area A”. We hope to have some data this week on both herbicide effectiveness and the breakdown process. We need to achieve two zero detects for herbicide (48 hours apart) before we can remove the curtains. We'll provide an update on how this looks next week!

**Volunteer Photo/Video Challenge:** We would love to see your perspective! If you would like to participate in the challenge, we invite you to take photos and videos of the CMT test activity during the time the barriers are in place. Please take photos of progress you see or anything you find important - you can send to [waterquality@tahoekeyspoa.org](mailto:waterquality@tahoekeyspoa.org). The top 10 photos or videos will receive a prize at the end of the test period!

For additional information and updates, please refer to the TKPOA Water Quality website at [www.keysweedmanagement.org](http://www.keysweedmanagement.org) or follow us on Instagram at @tahoekeyspoa\_wq. You can also contact the TKPOA Association Office, at 530-542-6444, Monday – Friday from 8:30AM – 4:30PM, Saturday and Sunday from 10:00AM – 2:00PM.

If you are interested in sharing dock space for TKPOA boats, please contact the TKPOA Water Quality Department directly, please call 530-542-6444, ext. 275 Monday – Friday from 8:30AM – 4:30PM or by email at [waterquality@tahoekeyspoa.org](mailto:waterquality@tahoekeyspoa.org).