

CD3 Unit Location 1: Horicon Boat Launch Summary

C1002047: Task # 9

September 21, 2023

The first location that the Advisory Committee decided to place the CD3 unit was at the Horicon Boat Launch located at the southern end of Schroon Lake, as shown on Figure 1. With the help of Warren County DPW, Warren County Planning was able to place the CD3 unit at the boat launch in June 2023 in preparation for the start of the busy summer season. Although we had the unit in place in June, we only have usage data beginning in July due to some technical difficulties that the manufacturer was able to help us with, but that led to losing some data between June and July. Our main focus for this Pilot Program was to see how the community engaged with the unit and if usage was more concentrated after steward hours. There is a steward on duty between the hours of eight o'clock in the morning and four o'clock in the afternoon on any given day during that time of year. Below you will see our findings which will help us plan for the 2024 season.



Figure 1. Map showing where the CD3 Unit was placed at the Horicon Boat Launch Site.

There are two major take-aways from our analysis of the CD3 Unit tool usage data. One being that the unit is being used more frequently when there is no steward on duty. This is shown in Figures 2 and 3.

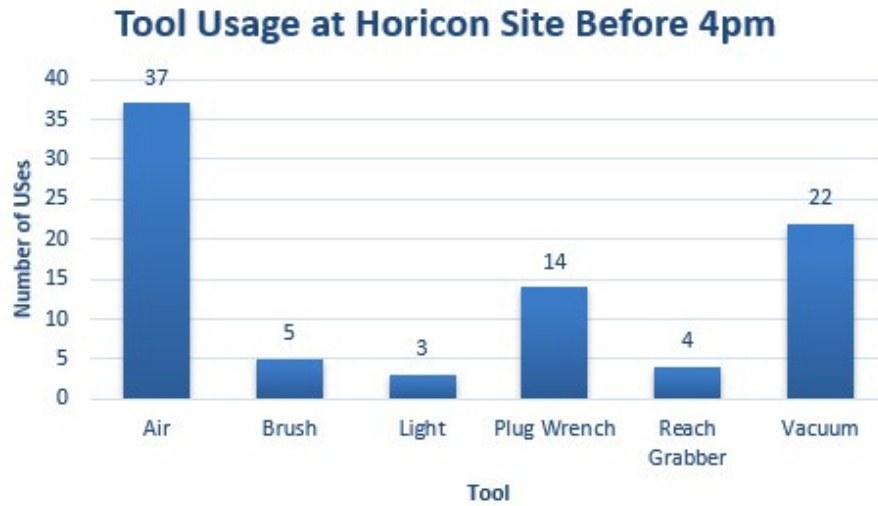


Figure 2. Bar graph showing the tool usage when there is a lake steward on duty.

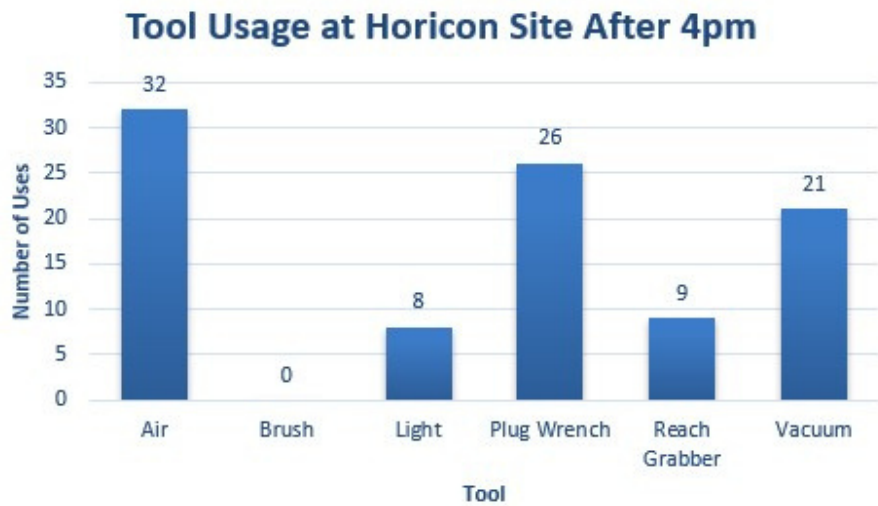


Figure 3. Bar graph showing the tool usage when there is no lake steward on duty.

The other major take-away are the tools that are being used the most. Figure 4 shows that the Air tool and Plug Wrench tool were the mostly used tools, which tells us that people are being conscientious of making sure they have drained and dry boats.

Total Tool Usage at Horicon Site 7/13 - 9/4 2023

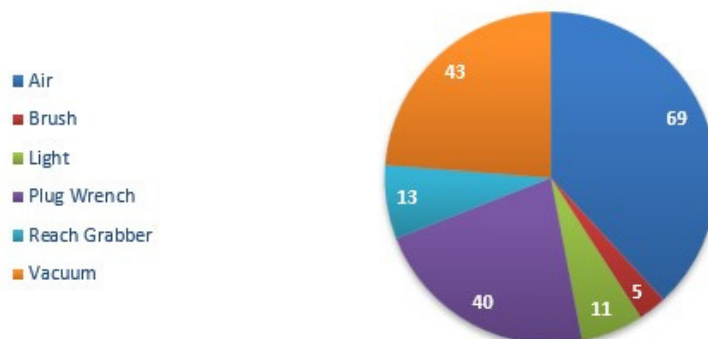


Figure 4. Total tool usage at the Horicon Boat Launch site.

CD3 Unit Location 2: Schroon Lake Boat Launch Summary

C1002047: Task # 9

October 10, 2023

The second location that the Advisory Committee decided to place the CD3 unit was at the boat launch in the hamlet of Schroon Lake, located on the northern-western side of the lake, as seen on Figure 1. Warren County DPW moved the CD3 Unit from the Horicon Boat Launch to the Schroon Lake Boat Launch on September 7, 2023. Although we would have liked to get the unit moved sooner, having to depend on DPW's free time out of their already busy schedules made things more difficult. At the Schroon Lake Boat Launch, there is a lake steward on duty between the hours of eight o'clock in the morning and four o'clock in the afternoon on any given day. Below you will see our findings which will help us plan for the 2024 season.

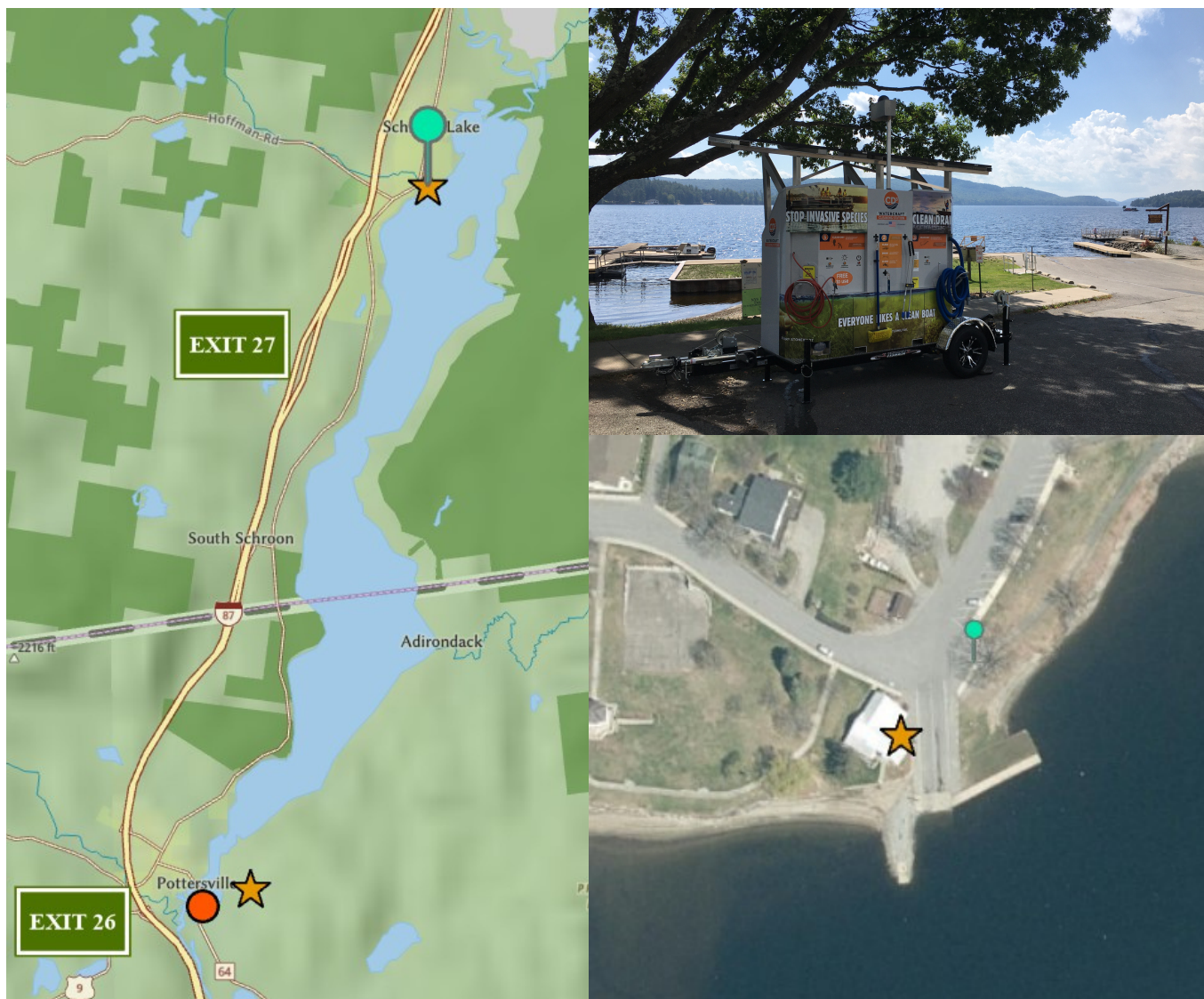


Figure 1. Map showing where the CD3 Unit was placed at the Schroon Lake Boat Launch.

Being that the CD3 unit has only been present at the Schroon Lake boat launch site September 7, there has only been two weeks worth of data collected. As you can see below in Figures 2 and 3, our hypothesis of the unit being used more after steward hours is not true. This leads us to believe that the lake steward on duty is telling community members about the unit and encouraging use.

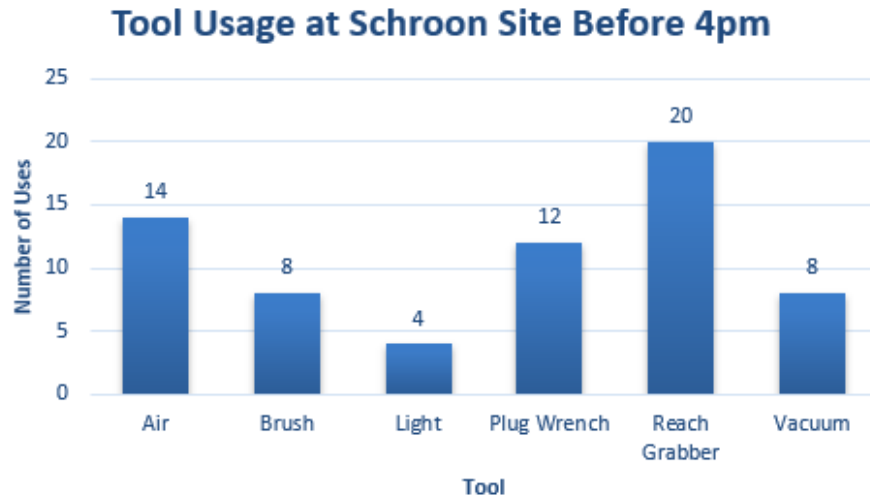


Figure 2. Bar graph showing the tool usage when there is a lake steward on duty.

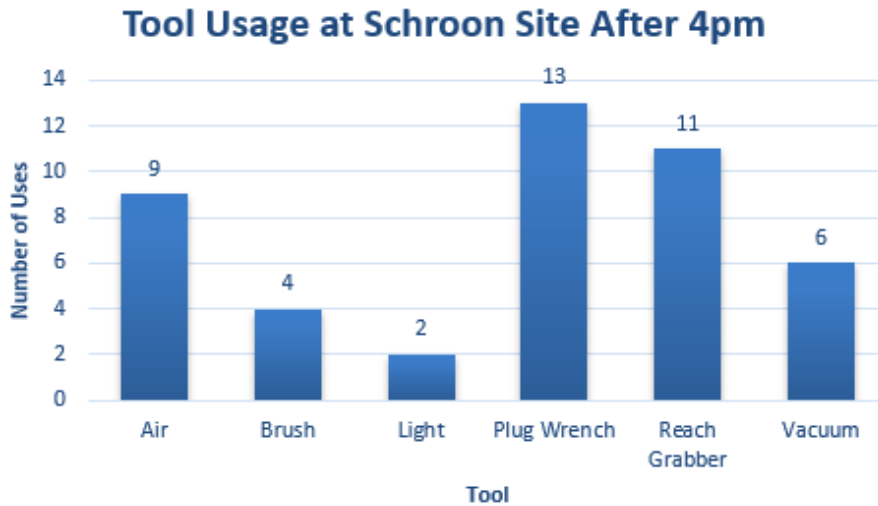


Figure 3. Bar graph showing the tool usage when there is no lake steward on duty.

Figure 4 shows that the two tools used most frequently are the Plug Wrench tool and the Reach Grabber tool. This tells us that people are making sure that there are no invasive species on their boats and that their boats are drained.

Total Tool Usage at Schroon Site 9/7 - 10/10 2023

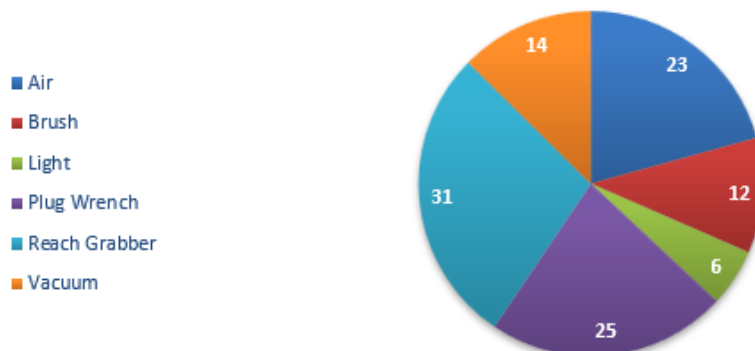


Figure 4. Total tool usage at the Schroon Lake Boat Launch.