

Spray Report and Pest Control Recommendation for Tahoe Keys Project, Terry McNabb PCA 117429

Introduction

Lake Tahoe has been experiencing an increasing infestation of invasive aquatic weeds. Eurasian Milfoil and Curly Leaf Pondweeds have been expanding in the lake for a few decades. The primary source of these plants is thought to be the Tahoe Keys development on the South Shore of the lake. They understood some time ago that these species were problematic and have attempted a number of non-chemical control strategies. In the winter of 2002, the Tahoe Keys was granted a NPDES permit from the Lahontan Water Quality Control Board to perform experimental herbicide treatments. This work is subject to a significant long term monitoring program.

Spray Report

This work was performed for the Tahoe Keys Property Owners Association, 356 Ala Wai Boulevard, South Lake Tahoe, CA 96150. 530-542-6444. The contact person is Kirk Wooldridge
kwooldridge@tahoekeyspoa.org

Three herbicides were applied as noted below. They were:

- Aquathol K Aquatic Herbicide, US EPA Reg. No. 70506-176
- Renovate 3m US EPA Reg. No. 62719-37-67690
- Renovate OTF Granular, US EPA Reg. No. 67690-42

The application map is attached, individual sites that were treated are listed by number in the table for each day of application.

Wednesday May 25, 2022

Site #	Product Applied	Surface Acres	Acre Feet	Herbicide Applied	Dye Applied	State Time	End Time
15	Aquathol K	0.45	2.9	3.81 gallons	0.06 liter	8:45 am	9:00 am
9	Renovate 3	1.31	9.17	8.25 gallons	0.23 liters	10:00 am	10:29 am
8	Renovate 3	1.3	9.59	8.63 gallons	0.24 liters	11:30 am	11:50 am

Applicator, Terry McNabb QAL 104555 and PCA 117429

Friday May 27th, 2022

Site #	Product Applied	Surface Acres	Acre Feet	Herbicide Applied	Dye Applied	State Time	End Time
3	Aquathol K	1.95	15.6	20.28 gallons	0.34 liter	8:15 am	8:30 am
2	Aquathol K	1.31	12.48	16.2 gallons	0.27 liters	9:10 am	9:30 am
1	Aquathol K	1.38	11.04	14.35 gallons	0.24 liters	10:00 am	10:20 am

Applicator Terry McNabb, QAL 104555 and PCA 117429

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Sunday May 29, 2022

Site #	Product Applied	Surface Acres	Acre Feet	Herbicide Applied	Dye Applied	State Time	End Time
5	Renovate 3	1.95	13.65	12.28 gallons	0.34 liter	8:34 am	8:56 am
11	Aquathol K	0.68	4.76	6.2 gallons	0.12 liters	9:20 am	9:35 am
10	Aquathol K	0.92	9.17	8.37 gallons	0.16 liters	10:05 am	10:18 am

Applicator Cody Appling, QAL 142834

Tuesday May 31, 2022

Site #	Product Applied	Surface Acres	Acre Feet	Herbicide Applied	Dye Applied	State Time	End Time
12	Renovate OTF Granular	0.81	5.67	153.09 pounds	0.14 liters	7:25 am	8:24 am
13	Renovate OTF Granular	0.46	3.25	87.8 pounds	0.08 liters	8:54 am	9:49 am
19	Aquathol K	2.2	15.4	20.0 gallons	0.39 liters	10:48 am	11:09 am
14	Renovate OTF Granular	0.5	3.5	94.5 pounds	0.09 liters	5:29 pm	6:29 pm

Applicator Cody Appling, QAL 142834

PCA Recommendation

California Pesticide Laws required a written pest control recommendation be made for the use of pesticides in crop and non-crop areas. Such recommendation is provided here.

All the work performed as a result of this recommendation will be done under the guidance of that NPDES permit and the Aquatic Pesticide Application Plan developed to support the permit.

Name and dosage of pesticide to be applied and method recommended

There are three products that will be applied for this test program, they are"

1. Aquathol K (liquid) with an application rate of 1.3 gallons per acre foot
2. Renovate 3 (liquid) with an application rate of 0.9 gallons per acre foot
3. Renovate OTF (granular) with an application rate of 27 pounds per acre foot.

Identify of each pest to be controlled

The target plants will be Eurasian Milfoil and Curly Leaf Pondweed.

The owner or operator and location of acreage to be treated

Tahoe Keys Property Owners Association

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The Commodity crop or site to be treated

Waters of the Tahoe Keys canals adjacent to and connected to Lake Tahoe

The suggested schedule, time or conditions for the pesticide application

The treatment timing is largely determined by the NPDES permit and the monitoring that will accompany that work. As there is a significant amount of monitoring required, small treatment plots will be treated over a one week period with about three plots per day treated. The work is scheduled to start Wednesday May 25th

A warning of possible damages by the pesticide that reasonably should be known to exist by the PCA

Application of these products at label rates will not have a negative effect on the environment or human health. There are irrigation restrictions on the use of treated water from the treatment areas for a limited period. Aquathol K has no irrigation restriction, the two Renovate products have limitations and the label should be referenced. The Tahoe Keys will post warning signs highlighting this.

Signature and PCA Business Affiliation.

This recommendation is provided by Terry McNabb, Aquatechnex, LLC, PO Box 30824, Bellingham, WA 98228. Telephone is 360-201-2612 and email tmcnabb@aquatechnex.com. Terry's California Department of Pesticide Regulation Agricultural Pest Control Advisor's (PCA) is 117429 and expires 12/31/2023. Copies of this recommendation are available at the company headquarters at 1501 Fraser Street, Suite 107, Bellingham, WA 98229

Signature

Terry McNabb, PCA 117429