2015
Manual Removal of Aquatic Invasive Species
Anvil Lake

Project Objective:

In effort to control Aquatic Invasive Species (AIS) in Anvil Lake work will be done to survey, locate, identify, mark, and remove AIS on Anvil Lake. To achieve the project objective, work will be done to hand remove AIS from Anvil Lake. The target area will be locations outside of the North Bay, concentrating on areas identified in previous surveys and other newly identified areas of identified AIS. Additional work in the North Bay will be done to support the efforts of DASH harvesting.

Project Summary:

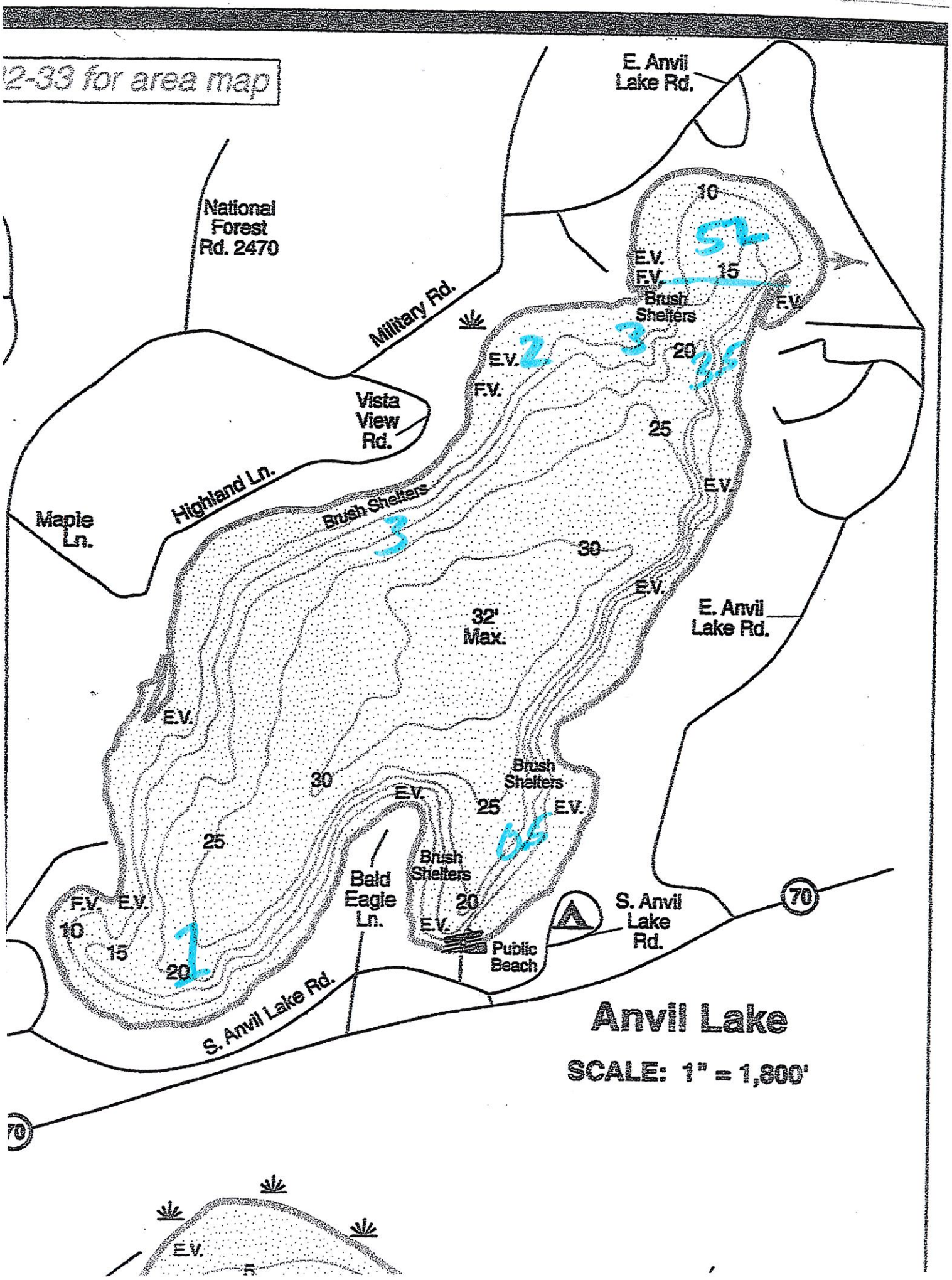
Hand removal efforts this summer were spent mainly in the North Bay of Anvil Lake. The accompanying 2 maps show approximately how our time to date has been divided on the lake. The time outside the North Bay has been used to survey for plants and harvest in areas where plants have been identified in past years. The focus of our efforts in the North Bay shifted from mainly shallow water harvesting to removal of plants in all observed areas in the bay. To date we have been on the water for a total of 69.25 hours.

EWM plant growth in areas outside of the North Bay seems to be at the same pace as last year. In the majority of cases single plants have been located and removed in water depths ranging from three to ten feet. The volume of EWM in these areas does not seem to have increased from the previous year.

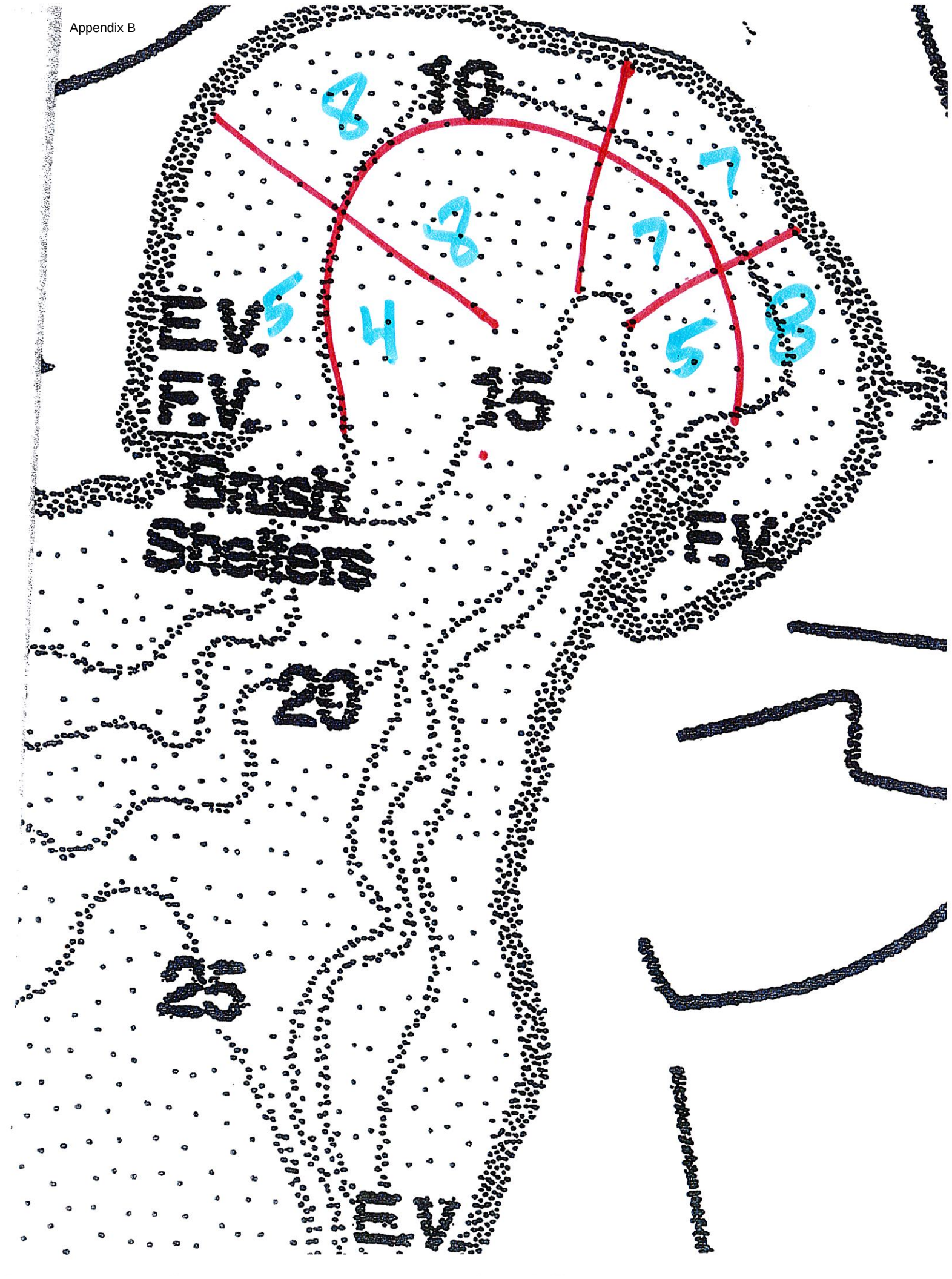
EWM plant growth within the North Bay has increased in comparison to last year. More single plants and multiple plant clusters have appeared in the bay. The majority of plants are in 15 feet or water or less. Earlier in the summer we spent more time on deeper water harvesting than originally planned. With the delay in DASH harvesting, and in an effort to minimize the fragmentation of plants by boat propellers, we spent more time harvesting in deeper water (approximately 10 feet deep or deeper) than was planned. Overall there are more areas where large plants and small clusters have been located and harvested. These areas have been worked in a systematic rotation by segmenting the bay based on depth and buoy/dock location. In the last three weeks the plants have shown significant growth. This is similar to last year. Although the EWM volume has increased in the North Bay, our ability to harvest has increased as well. I think we are holding the progress of EWM in check, or at least slowing the progress. The goal for the remainder of harvesting season will be to remove as many of the large plants and clusters as possible.

Overall we have removed more plant mass than last year. Two factors contribute to this. One is that there is more plant growth and the second would be that we are better able locate and remove the plants. With the understanding that we will not completely remove EWM from the North Bay, we have continued to step-up our efforts the past three years in increase our focus on hand removal. I think this strategy is the key to maintaining a healthy body of water.

Submitted 9/6/15 Gene Welhoefer


2-33 for area map
E. Anvil Lake Rd.
National Forest Rd. 2470
Military Rd.
Vista View Rd.
Highland Ln.
Maple Ln.
Brush Shelters
E.V.
F.V.
10
15
20
25
30
32' Max.
Brush Shelters
Bald Eagle Ln.
Public Beach
S. Anvil Lake Rd.
70
Anvil Lake
SCALE: 1" = 1,800'

Appendix B



Appendix B

Anvil Lake Association

AIS In-Kind Harvesting

July 1 - Sept 30 2014

Aquatic Plant Type	Date Collected	Collected By	Weight (lbs)			Desposed By	Date Desposed
			Other	EWM	Thistle		
EWM	6/31/15	Gene / Bob & Marge		25	25		
EWM	7/1/15	Gene		50			
EWM	7/2/15	Gene		50		Bob	7/3/2015
EWM	7/8/15	Gene		141			
EWM	7/19/15	Gene		182			
EWM	7/11 or 7/12	Gene		194.4		Bob	7/13/2015
EWM	7/15/15	Gene		80.2			
EWM	7/16/15	Gene		87		Bob	7/17/2015
EWM	7/20/15	Gene Bob & Marge		153	191.6		
EWM	7/21/15	Gene		220			
EWM	7/23/15	Gene		201.5		Bob	7/25/2015
EWM	7/25/15	Gene (est weight)		125		Bob	7/27/2015
EWM	7/28 & 30/2015	Gene		169.5		Bob	7/31/2015
EWM	8/3/15	Gene 4		84			
EWM	8/6/15	Gene 5		105		Bob	8/7/2015
EWM	8/15/15	Gene 6		126		Bob	8/21/2015
EWM	8/22/15	Gene 7		147		Bob	8/24/2015
EWM	8/29/15	Gene 10		210		Bob	8/31/2015
EWM	8/30 15	Gene 10		210		Bob	9/4/2015
EWM	9/5/15	Gene 20		420			
EWM	9/5/15	Jim Wood, Tom & Gene		630		Bob	9/6/2015
EWM	9/19/15	Gene 11		140		Bob	9/21/2015
						Bags average 21 lbs	
						All EWM weighed wet, celery and curly	
						pond weed included in harvesting..	
						Mileage to transfer station - 18 RT	
TOTALS				**3750.6**	**216.6**		