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Item 5A.
BCWMC 7-18-13

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Quote for Fish Surveys in Sweeney Lake and Twin Lake

Date: July 8, 2013

To: Bassett Creek Watershed Management Commission
From: Steve McComas, Blue Water Science

Trapnet Fish Survey for Sweeney and Twin Lakes: To assess the fish population of Sweeney and Twin Lakes, trapnet surveys will be employed. We will use standard sized trapnets (4 by 6 foot frames) deployed for three days and sampled for two days in Sweeney and Twin Lakes. We will compare the number of fish caught per net to previous surveys and to regional averages. In addition, the survey will also allow us to look at the size distribution of the fish species which will give use insight to fish ages, spawning success, and winterkill probabilities.

With these fish surveys we should be able to gage the potential impact of fish on water quality and prepare recommendations for fish management actions.

Project Activities: Set trapnets on the first day and then sample the nets for the next two days. Count and record fish lengths daily and prepare a fish survey report for each lake.

Lake	Minnesota Protected Water ID	Size (ac)	Number of Nets to Be Set	Number of Days
Sweeney	27-003500	67	5	1 day to set and 2 days to sample
Twin	27-003502	19	3	1 day to set and 2 days to sample

Total Quote for both Sweeney and Twin Lakes: \$3,900



A typical trapnet.